

# DENON

Professional DJ Multi-controller

# DN-MC6000

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Owner's Manual

## IMPORTANT TO SAFETY

### WARNING:

To reduce the risk of fire and electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus

## CAUTION

### 1. Handle the power supply cord carefully

Do not damage or deform the power supply cord. If it is damaged or deformed, it may cause electric shock or malfunction when used. When removing from wall outlet, be sure to remove by holding the plug attachment and not by pulling the cord.

### 2. Do not open the rear cover

In order to prevent electric shock, do not open the top cover. If problems occur, contact your DENON DEALER.

### 3. Do not place anything inside

Do not place metal objects or spill liquid inside the system. Electric shock or malfunction may result.

Please, record and retain the Model name and serial number of your set shown on the rating label.

Model No. DN-MC6000

Serial No. \_\_\_\_\_



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



### CAUTION:

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## FCC INFORMATION (For US customers)

### 1. COMPLIANCE INFORMATION

**Product Name: Professional DJ Multi-controller**

**Model Number: DN-MC6000**

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this product may not cause harmful interference, and (2) this product must accept any interference received, including interference that may cause undesired operation.

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### 2. IMPORTANT NOTICE: DO NOT MODIFY THIS PRODUCT

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modification not expressly approved by DENON may void your authority, granted by the FCC, to use the product.

### 3. NOTE

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the local retailer authorized to distribute this type of product or an experienced radio/TV technician for help.

This Class B apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

# IMPORTANT SAFETY INSTRUCTIONS

## READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.



**CAUTION: (English)**

To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.

The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

Do not expose batteries to excessive heat such as sunshine, fire or the like.

**VORSICHT: (Deutsch)**

Um dieses Gerät vollständig von der Stromversorgung abzutrennen, trennen Sie bitte den Netzstecker von der Wandsteckdose ab.

Die Hauptstecker werden verwendet, um die Stromversorgung zum Gerät völlig zu unterbrechen; er muss für den Benutzer gut und einfach zu erreichen sein. Setzen Sie Batterien nicht übermäßiger Wärme aus, z. B. Sonnenstrahlung, Feuer oder dergleichen.

**PRECAUTION: (Français)**

Pour déconnecter complètement ce produit du courant secteur, débranchez la prise de la prise murale.

La prise secteur est utilisée pour couper complètement l'alimentation de l'appareil et l'utilisateur doit pouvoir y accéder facilement.

N'exposez pas les batteries à une chaleur excessive telle que le soleil, le feu ou autre.

**ATTENZIONE: (Italiano)**

Per scollegare definitivamente questo prodotto dalla rete di alimentazione elettrica, togliere la spina dalla relativa presa.

La spina di rete viene utilizzata per interrompere completamente l'alimentazione all'unità e deve essere facilmente accessibile all'utente.

Non esporre le batterie a un calore eccessivo, per esempio al sole, al fuoco o altre fonti.

**PRECAUCIÓN: (Español)**

Para desconectar completamente este producto de la alimentación eléctrica, desconecte el enchufe del enchufe de la pared.

El enchufe de la alimentación se utiliza para interrumpir por completo el suministro de alimentación a la unidad y debe de encontrarse en un lugar al que el usuario tenga fácil acceso.

No exponga las pilas a calor excesivo, como a la luz solar, el fuego, etc.

**VOORZICHTIGHEID: (Nederlands)**

Om de voeding van dit product volledig te onderbreken moet de stekker uit het stopcontact worden getrokken.

De netstekker wordt gebruikt om de stroomtoevoer naar het toestel volledig te onderbreken en moet voor de gebruiker gemakkelijk bereikbaar zijn.

Stel de batterijen niet bloot aan felle zonneschijn, brand, enzovoorts.

**FÖRSIKTIHETSMÅTT: (Svenska)**

Koppla loss stickproppen från eluttaget för att helt skilja produkten från nätet.

Stickproppen används för att helt bryta strömförsörjningen till apparaten, och den måste vara lättillgänglig för användaren.

Utsätt inte batterierna för stark hetta såsom solsken, eld eller liknande.

**NOTE ON USE / HINWEISE ZUM GEBRAUCH**

WARNINGS	WARNHINWEISE
<ul style="list-style-type: none"> <li>• Avoid high temperatures. Allow for sufficient heat dispersion when installed in a rack.</li> <li>• Handle the power cord carefully. Hold the plug when unplugging the cord.</li> <li>• Keep the unit free from moisture, water, and dust.</li> <li>• Unplug the power cord when not using the unit for long periods of time.</li> <li>• Do not obstruct the ventilation holes.</li> <li>• Do not let foreign objects into the unit.</li> <li>• Do not let insecticides, benzene, and thinner come in contact with the unit.</li> <li>• Never disassemble or modify the unit in any way.</li> <li>• Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths or curtains.</li> <li>• Naked flame sources such as lighted candles should not be placed on the unit.</li> <li>• Observe and follow local regulations regarding battery disposal.</li> <li>• Do not expose the unit to dripping or splashing fluids.</li> <li>• Do not place objects filled with liquids, such as vases, on the unit.</li> <li>• Do not handle the mains cord with wet hands.</li> <li>• When the switch is in the OFF position, the equipment is not completely switched off from MAINS.</li> <li>• The equipment shall be installed near the power supply so that the power supply is easily accessible.</li> </ul>	<ul style="list-style-type: none"> <li>• Vermeiden Sie hohe Temperaturen. Beachten Sie, dass eine ausreichende Belüftung gewährleistet wird, wenn das Gerät auf ein Regal gestellt wird.</li> <li>• Gehen Sie vorsichtig mit dem Netzkabel um. Halten Sie das Kabel am Stecker, wenn Sie den Stecker herausziehen.</li> <li>• Halten Sie das Gerät von Feuchtigkeit, Wasser und Staub fern.</li> <li>• Wenn das Gerät längere Zeit nicht verwendet werden soll, trennen Sie das Netzkabel vom Netzstecker.</li> <li>• Decken Sie den Lüftungsbereich nicht ab.</li> <li>• Lassen Sie keine fremden Gegenstände in das Gerät kommen.</li> <li>• Lassen Sie das Gerät nicht mit Insektiziden, Benzin oder Verdünnungsmitteln in Berührung kommen.</li> <li>• Versuchen Sie niemals das Gerät auseinander zu nehmen oder zu verändern.</li> <li>• Die Belüftung sollte auf keinen Fall durch das Abdecken der Belüftungsöffnungen durch Gegenstände wie beispielsweise Zeitungen, Tischtücher, Vorhänge o. Ä. behindert werden.</li> <li>• Auf dem Gerät sollten keinerlei direkte Feuerquellen wie beispielsweise angezündete Kerzen aufgestellt werden.</li> <li>• Bitte beachten Sie bei der Entsorgung der Batterien die örtlich geltenden Umweltbestimmungen.</li> <li>• Das Gerät sollte keiner tropfenden oder spritzenden Flüssigkeit ausgesetzt werden.</li> <li>• Auf dem Gerät sollten keine mit Flüssigkeit gefüllten Behälter wie beispielsweise Vasen aufgestellt werden.</li> <li>• Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.</li> <li>• Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.</li> <li>• Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann.</li> </ul>

☐ OBSERVATIONS RELATIVES A L'UTILISATION / NOTE SULL'USO / NOTAS SOBRE EL USO / ALVORENS TE GEBRUIKEN / OBSERVERA

AVERTISSEMENTS	AVVERTENZE	ADVERTENCIAS	WAARSCHUWINGEN	VARNINGAR
<ul style="list-style-type: none"> <li>• Eviter des températures élevées. Tenir compte d'une dispersion de chaleur suffisante lors de l'installation sur une étagère.</li> <li>• Manipuler le cordon d'alimentation avec précaution. Tenir la prise lors du débranchement du cordon.</li> <li>• Protéger l'appareil contre l'humidité, l'eau et la poussière.</li> <li>• Débrancher le cordon d'alimentation lorsque l'appareil n'est pas utilisé pendant de longues périodes.</li> <li>• Ne pas obstruer les trous d'aération.</li> <li>• Ne pas laisser des objets étrangers dans l'appareil.</li> <li>• Ne pas mettre en contact des insecticides, du benzène et un diluant avec l'appareil.</li> <li>• Ne jamais démonter ou modifier l'appareil d'une manière ou d'une autre.</li> <li>• Ne pas recouvrir les orifices de ventilation avec des objets tels que des journaux, nappes ou rideaux. Cela entraverait la ventilation.</li> <li>• Ne jamais placer de flamme nue sur l'appareil, notamment des bougies allumées.</li> <li>• Veillez à respecter les lois en vigueur lorsque vous jetez les piles usagées.</li> <li>• L'appareil ne doit pas être exposé à l'eau ou à l'humidité.</li> <li>• Ne pas poser d'objet contenant du liquide, par exemple un vase, sur l'appareil.</li> <li>• Ne pas manipuler le cordon d'alimentation avec les mains mouillées.</li> <li>• Lorsque l'interrupteur est sur la position OFF, l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).</li> <li>• L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible.</li> </ul>	<ul style="list-style-type: none"> <li>• Evitate de esporre l'unità a temperature elevate. Assicuratevi che vi sia un'adeguata dispersione del calore quando installate l'unità in un mobile per componenti audio.</li> <li>• Maneggiare il cavo di alimentazione con attenzione. Tenete ferma la spina quando scollegate il cavo dalla presa.</li> <li>• Tenete l'unità lontana dall'umidità, dall'acqua e dalla polvere.</li> <li>• Scollegate il cavo di alimentazione quando prevedete di non utilizzare l'unità per un lungo periodo di tempo.</li> <li>• Non coprite i fori di ventilazione.</li> <li>• Non inserite corpi estranei all'interno dell'unità.</li> <li>• Assicuratevi che l'unità non entri in contatto con insetticidi, benzolo o solventi.</li> <li>• Non smontate né modificate l'unità in alcun modo.</li> <li>• Le aperture di ventilazione non devono essere ostruite coprendole con oggetti, quali giornali, tovaglie, tende e così via.</li> <li>• Non posizionate sull'unità fi amme libere, come ad esempio candele accese.</li> <li>• Prestate attenzione agli aspetti legati alla tutela dell'ambiente nello smaltimento delle batterie.</li> <li>• L'apparecchiatura non deve essere esposta a gocciolii o spruzzi.</li> <li>• Non posizionate sull'unità alcun oggetto contenente liquidi, come ad esempio i vasi.</li> <li>• Non toccare il cavo di alimentazione con le mani bagnate.</li> <li>• Quando l'interruttore è nella posizione OFF, l'apparecchiatura non è completamente scollegata da MAINS.</li> <li>• L'apparecchio va installato in prossimità della fonte di alimentazione, in modo che quest'ultima sia facilmente accessibile.</li> </ul>	<ul style="list-style-type: none"> <li>• Evite altas temperaturas. Permite la suficiente dispersión del calor cuando está instalado en la consola.</li> <li>• Maneje el cordón de energía con cuidado. Sostenga el enchufe cuando desconecte el cordón de energía.</li> <li>• Mantenga el equipo libre de humedad, agua y polvo.</li> <li>• Desconecte el cordón de energía cuando no utilice el equipo por mucho tiempo.</li> <li>• No obstruya los orificios de ventilación.</li> <li>• No deje objetos extraños dentro del equipo.</li> <li>• No permita el contacto de insecticidas, gasolina y diluyentes con el equipo.</li> <li>• Nunca desarme o modifique el equipo de ninguna manera.</li> <li>• La ventilación no debe quedar obstruida por haberse cubierto las aperturas con objetos como periódicos, manteles o cortinas.</li> <li>• No deberán colocarse sobre el aparato fuentes inflamables sin protección, como velas encendidas.</li> <li>• A la hora de deshacerse de las pilas, respete la normativa para el cuidado del medio ambiente.</li> <li>• No exponer el aparato al goteo o salpicaduras cuando se utilice.</li> <li>• No colocar sobre el aparato objetos llenos de líquido, como jarros.</li> <li>• No maneje el cable de alimentación con las manos mojadas.</li> <li>• Cuando el interruptor está en la posición OFF, el equipo no está completamente desconectado de la alimentación MAINS.</li> <li>• El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella.</li> </ul>	<ul style="list-style-type: none"> <li>• Vermijd hoge temperaturen. Zorg er bij installatie in een audiorack voor, dat de door het toestel geproduceerde warmte goed kan worden afgevoerd.</li> <li>• Hanteer het netsnoer voorzichtig. Houd het snoer bij de stekker vast wanneer deze moet worden aan- of losgekoppeld.</li> <li>• Laat geen vochtigheid, water of stof in het apparaat binnendringen.</li> <li>• Neem altijd het netsnoer uit het stopcontact wanneer het apparaat gedurende een lange periode niet wordt gebruikt.</li> <li>• De ventilatieopeningen mogen niet worden geblokkeerd.</li> <li>• Laat geen vreemde voorwerpen in dit apparaat vallen.</li> <li>• Voorkom dat insecticiden, benzeen of verfverdunder met dit toestel in contact komen.</li> <li>• Dit toestel mag niet gedemonteerd of aangepast worden.</li> <li>• De ventilatie mag niet worden belemmerd door de ventilatieopeningen af te dekken met bijvoorbeeld kranten, een tafelkleed of gordijnen.</li> <li>• Plaats geen open vlammen, bijvoorbeeld een brandende kaars, op het apparaat.</li> <li>• Houd u steeds aan de milieuvoorschriften wanneer u gebruikte batterijen wegdoet.</li> <li>• Stel het apparaat niet bloot aan druppels of spatten.</li> <li>• Plaats geen voorwerpen gevuld met water, bijvoorbeeld een vaas, op het apparaat.</li> <li>• Raak het netsnoer niet met natte handen aan.</li> <li>• Als de schakelaar op OFF staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).</li> <li>• De apparatuur wordt in de buurt van het stopcontact geïnstalleerd, zodat dit altijd gemakkelijk toegankelijk is.</li> </ul>	<ul style="list-style-type: none"> <li>• Undvik höga temperaturer. Se till att det finns möjlighet till god värmeavledning vid montering i ett rack.</li> <li>• Hantera nätkabeln varsamt. Håll i kabeln när den kopplas från el-uttaget.</li> <li>• Utsätt inte apparaten för fukt, vatten och damm.</li> <li>• Koppla loss nätkabeln om apparaten inte kommer att användas i lång tid.</li> <li>• Tapp inte till ventilationsöppningarna.</li> <li>• Se till att främmande föremål inte tränger in i apparaten.</li> <li>• Se till att inte insektsmedel på spraybruk, bensen och thinner kommer i kontakt med apparatens hölje.</li> <li>• Ta inte isär apparaten och försök inte bygga om den.</li> <li>• Ventilationen bör inte förhindras genom att täcka för ventilationsöppningarna med föremål såsom tidningar, bordsdukar eller gardiner.</li> <li>• Placera inte öppen eld, t.ex. tända ljus, på apparaten.</li> <li>• Tänk på miljöaspekterna när du bortskaffar batterier.</li> <li>• Apparaten får inte utsättas för vätska.</li> <li>• Placera inte föremål fyllda med vätska, t.ex. vaser, på apparaten.</li> <li>• Hantera inte nätsladden med våta händer.</li> <li>• Även om strömbrytaren står i det avstängda läget OFF, så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).</li> <li>• Utrustningen ska vara installerad nära strömuttaget så att strömförsörjningen är lätt att tillgå.</li> </ul>

**•DECLARATION OF CONFORMITY**

**(English)**

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:  
EN60950-1, EN55013, EN55020, EN61000-3-2 and EN61000-3-3.  
Following the provisions of Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC, the EC regulation 1275/2008 and its frame work Directive 2009/125/EC for Energy-related Products (ErP).

**•ÜBEREINSTIMMUNGSERKLÄRUNG**

**(Deutsch)**

Wir erklären unter unserer Verantwortung, daß dieses Produkt, auf das sich diese Erklärung bezieht, den folgenden Standards entspricht:  
EN60950-1, EN55013, EN55020, EN61000-3-2 und EN61000-3-3.  
Gemäß den Bestimmungen der Niederspannungsrichtlinie 2006/95/EG und EMV Richtlinie 2004/108/EG, der Verordnung (EG) Nr. 1275/2008 der Kommission und deren Rahmenrichtlinie 2009/125/EG zu energieverbrauchsrelevanten Produkten (ErP).

**•DECLARATION DE CONFORMITE**

**(Français)**

Nous déclarons sous notre seule responsabilité que l'appareil, auquel se réfère cette déclaration, est conforme aux standards suivants:  
EN60950-1, EN55013, EN55020, EN61000-3-2 et EN61000-3-3.  
Selon la directive 2006/95/EC concernant la basse tension et la directive CEM 2004/108/EC, la réglementation européenne 1275/2008 et la directive 2009/125/EC établissant un cadre de travail applicable aux produits liés à l'énergie (ErP).

**•DICHIAZIONE DI CONFORMITÀ**

**(Italiano)**

Dichiariamo con piena responsabilità che questo prodotto, al quale la nostra dichiarazione si riferisce, è conforme alle seguenti normative:  
EN60950-1, EN55013, EN55020, EN61000-3-2 e EN61000-3-3.  
Facendo seguito alle disposizioni della direttiva sul basso voltaggio 2006/95/EC alla direttiva EMC 2004/108/EC, alla norma EC 1275/2008 e alla relativa legge quadro 2009/125/EC in materia di prodotti alimentati ad energia (ErP).  
QUESTO PRODOTTO E' CONFORME  
AL D.M. 28/08/95 N. 548

**•DECLARACIÓN DE CONFORMIDAD**

**(Español)**

Declaramos bajo nuestra exclusiva responsabilidad que este producto al que hace referencia esta declaración, está conforme con los siguientes estándares:  
EN60950-1, EN55013, EN55020, EN61000-3-2 y EN61000-3-3.  
De acuerdo con la directiva sobre baja tensión 2006/95/CE y la directiva sobre CEM 2004/108/CE, la normativa CE 1275/2008 y su directiva marco 2009/125/EC para productos relacionados con la energía (ErP).

**•EENVORMIGHEIDSVERKLARING**

**(Nederlands)**

Wij verklaren uitsluitend op onze verantwoordelijkheid dat dit produkt, waarop deze verklaring betrekking heeft, in overeenstemming is met de volgende normen:  
EN60950-1, EN55013, EN55020, EN61000-3-2 en EN61000-3-3.  
Volgens de voorzieningen van lage spanningsrichtlijn 2006/95/EC en EMC-richtlijn 2004/108/EC, de EU-richtlijn 1275/2008 en de kaderrichtlijn 2009/125/EC voor energieverbruikende producten (ErP).

**•ÖVERENSSTÄMMELSEINTYG**

**(Svenska)**

Härmed intygas helt på eget ansvar att denna produkt, vilken detta intyg avser, uppfyller följande standarder:  
EN60950-1, EN55013, EN55020, EN61000-3-2 och EN61000-3-3.  
Uppfyller reglerna i lågspänningsdirektivet 2006/95/EC och EMC-direktivet 2004/108/EC, EU-förordningen 1275/2008 och ramverksdirektivet 2009/125/EC för energirelaterade produkter (ErP).

**D&M Professional Europe**  
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**The Netherlands**

**A NOTE ABOUT RECYCLING:**

This product's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with the local recycling regulations. When discarding the unit, comply with local rules or regulations. Batteries should never be thrown away or incinerated but disposed of in accordance with the local regulations concerning battery disposal. This product and the supplied accessories, excluding the batteries, constitute the applicable product according to the WEEE directive.

**HINWEIS ZUM RECYCLING:**

Das Verpackungsmaterial dieses Produktes ist zum Recyceln geeignet und kann wieder verwendet werden. Bitte entsorgen Sie alle Materialien entsprechend der örtlichen Recycling-Vorschriften. Beachten Sie bei der Entsorgung des Gerätes die örtlichen Vorschriften und Bestimmungen. Die Batterien dürfen nicht in den Hausmüll geworfen oder verbrannt werden; bitte entsorgen Sie die Batterien gemäß der örtlichen Vorschriften. Dieses Produkt und das im Lieferumfang enthaltene Zubehör (mit Ausnahme der Batterien!) entsprechen der WEEE-Direktive.

**UNE REMARQUE CONCERNANT LE RECYCLAGE:**

Les matériaux d'emballage de ce produit sont recyclables et peuvent être réutilisés. Veuillez disposer des matériaux conformément aux lois sur le recyclage en vigueur. Lorsque vous mettez cet appareil au rebut, respectez les lois ou réglementations en vigueur. Les piles ne doivent jamais être jetées ou incinérées, mais mises au rebut conformément aux lois en vigueur sur la mise au rebut des piles. Ce produit et les accessoires inclus, à l'exception des piles, sont des produits conformes à la directive DEEE.

**NOTA RELATIVA AL RICICLAGGIO:**

I materiali di imballaggio di questo prodotto sono riutilizzabili e riciclabili. Smaltire i materiali conformemente alle normative locali sul riciclaggio. Per lo smaltimento dell'unità, osservare le normative o le leggi locali in vigore. Non gettare le batterie, né incenerirle, ma smaltirle conformemente alla normativa locale sui rifiuti chimici. Questo prodotto e gli accessori inclusi nell'imballaggio sono applicabili alla direttiva RAEE, ad eccezione delle batterie.

**ACERCA DEL RECICLAJE:**

Los materiales de embalaje de este producto son reciclables y se pueden volver a utilizar. Disponga de estos materiales siguiendo los reglamentos de reciclaje de su localidad. Cuando se deshaga de la unidad, cumpla con las reglas o reglamentos locales. Las pilas nunca deberán tirarse ni incinerarse. Deberá disponer de ellas siguiendo los reglamentos de su localidad relacionados con los desperdicios químicos. Este producto junto con los accesorios empaquetados es el producto aplicable a la directiva RAEE excepto pilas.

**EEN AANTEKENING MET BETREKKING TOT DE RECYCLING:**

Het inpakmateriaal van dit product is recycleerbaar en kan opnieuw gebruikt worden. Er wordt verzocht om zich van elk afvalmateriaal te ontdoen volgens de plaatselijke voorschriften. Volg voor het wegdoen van de speler de voorschriften voor de verwijdering van wit- en bruingoed op. Batterijen mogen nooit worden weggegooid of verbrand, maar moeten volgens de plaatselijke voorschriften betreffende chemisch afval worden verwijderd. Op dit product en de meegeleverde accessoires, m.u.v. de batterijen is de richtlijn voor afgedankte elektrische en elektronische apparaten (WEEE) van toepassing.

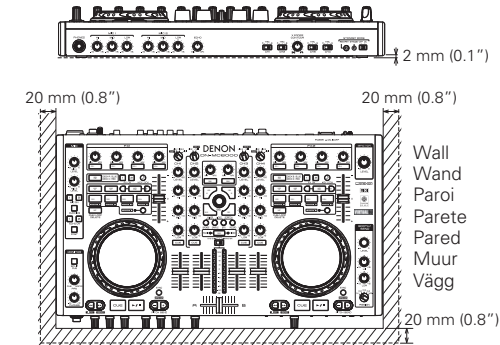
**OBSERVERA ANGÅENDE ÅTERVINNING:**

Produktens emballage är återvinningsbart och kan återanvändas. Kassera det enligt lokala återvinningsbestämmelser. När du kasserar enheten ska du göra det i överensstämmelse med lokala regler och bestämmelser. Batterier får absolut inte kastas i soporna eller brännas. Kassera dem enligt lokala bestämmelser för kemiskt avfall. Denna apparat och de tillbehör som levereras med den uppfyller gällande WEEE-direktiv, med undantag av batterierna.



Pb

**CAUTIONS ON INSTALLATION**  
**VORSICHTSHINWEISE ZUR AUFSTELLUNG**  
**PRÉCAUTIONS D'INSTALLATION**  
**PRECAUZIONI SULL'INSTALLAZIONE**  
**EMPLAZAMIENTO DE LA INSTALACIÓN**  
**VOORZORGSMATREGELEN BIJ DE INSTALLATIE**  
**FÖRSIKTIGHET VID INSTALLATIONEN**



- \* For proper heat dispersal, do not install this unit in a confined space.
- \* Um eine ordnungsgemäße Wärmeabfuhr sicherzustellen, installieren Sie dieses Gerät nicht in einem geschlossenen Raum.
- \* Pour une bonne dissipation de la chaleur, n'installez pas cet appareil dans un espace restreint.
- \* Per una corretta dispersione termica, non installare l'unità in uno spazio ristretto.
- \* Con el fin de permitir una dispersión adecuada del calor, esta unidad no debe instalarse en un espacio reducido.
- \* Installeer voor een juiste hitte-afvoer dit apparaat beslist niet in een afgesloten ruimte.
- \* För att tillförsäkra god värmeavledning får utrustningen inte installeras i instängda utrymmen.

# Before use

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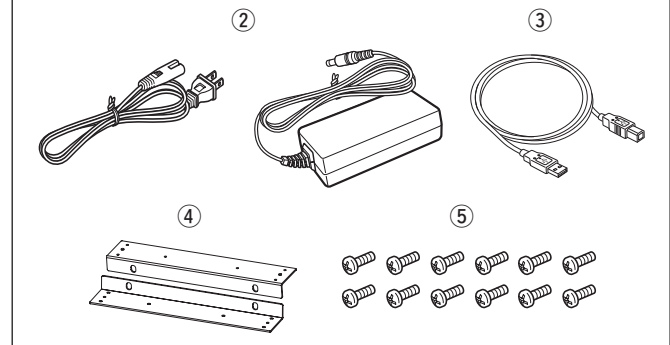
## Accessories

Check that the following parts are supplied with the product.

### NOTE

Conduction noise or interference noise may cause the DN-MC6000 to malfunction. Therefore, when connecting this device to a computer, connect using the USB cable included.

- ① Owner's manual .....
- ② AC adaptor .....
- ③ USB cable .....
- ④ 19-inch rack mount brackets .....
- ⑤ Screws for attaching a 19-inch rack mount brackets .....
- ⑥ CD-ROM
  - DN-MC6000 Resource CD-ROM .....
  - DJ software .....
  - U.S.A and Canada models: Virtual DJ
  - European, U.K and Asia/Pacific models: TRAKTOR
- ⑦ Warranty (for North America model only) .....



## About this manual

### ☐ Symbols



This symbol indicates a reference page on which related information is described.



This symbol indicates a supplementary information and tips for operations.

### NOTE

This symbol indicates points to remember operations or function limitations.

### ☐ Illustrations

Note that the illustrations in these instructions are for explanation purposes and may differ from the actual unit.



# Main features

## 1. Operability and highly reliable design for professional use

- Equipped with 4ch digital mixer that can operate independently with or without a computer connection for fail safe operation and backup.
- Equipped with an input selector for various input sources such as USB Audio and LINE.
- Each input channel includes a 3-band isolator EQ.

## 2. USB MIDI controller

- Equipped with a physical controller function that controls DJ software.
- Design layout optimized for operations with Virtual DJ and TRAKTOR.
- Easy operations for video effect and cross fade functions in Virtual DJ.
- Equipped with a deck layer function that can control four decks separately.
- Equipped with a high resolution jog wheel with 2,048 pulses supporting the touch sensor function.
- Equipped with large CUE/PLAY buttons that can be pressed easily.
- Equipped with the SYNC button that can immediately synchronize beats for two decks, when used with software.
- Equipped with the FX select function that can control two different FX separately, when used with software.
- High grade steel cabinet and self-illuminating rubber buttons.

## 3. USB AUDIO interface

- High sound quality design that supports sampling frequency of 48 kHz.
- Supports 2in-2out for stereo audio.
- Supports transfer of mixed audio to computers.
- Supplied with ASIO drivers for low latency.

## 4. MIC echo function

- Equipped with an echo function dedicated for MIC input.
- Echo volume can be adjusted with MIC echo adjustment knob.

## 5. Various input/output terminals

The unit has the following input/output terminals.

### Input

- LINE/PHONO x2
- AUX x2
- MIC input x2

### Output

- Master x1
- Booth/send x1 (dual-purpose)
- REC output x1

### Input/output

- USB audio x2 (stereo input x2/stereo output x2)

## 6. Others

- Equipped with a ducking function that attenuates background sounds during MIC operation.
- Equipped with a auto standby function (eco mode)
- Supplied with DJ software

# Cautions on handling

### • Before turning the power switch on

Check once again that all connections are correct and that there are no problems with the connection cables.

- Power is supplied to some of the circuitry even when the unit is set to the standby mode. When going on vacation or leaving home for long periods of time, be sure to unplug the power cord from the power outlet.

### • About condensation

If there is a major difference in temperature between the inside of the unit and the surroundings, condensation (dew) may form on the operating parts inside the unit, causing the unit not to operate properly.

If this happens, let the unit sit for an hour or two with the power turned off and wait until there is little difference in temperature before using the unit.

### • Cautions on using mobile phones

Using a mobile phone near this unit may result in noise. If that occurs, move the mobile phone away from this unit when it is in use.

### • Moving the unit

Turn off the power and unplug the power cord from the power outlet. Next, disconnect the connection cables to other system units before moving the unit.

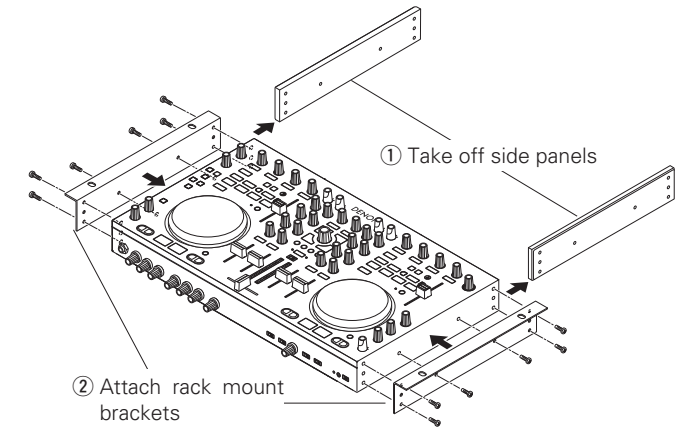
### • About care

- Wipe the cabinet and control panel clean with a soft cloth.
- Follow the instructions when using a chemical cleaner.
- Benzene, paint thinner or other organic solvents as well as insecticide may cause material changes and discoloration if brought into contact with the unit, and should therefore not be used.

## Attaching 19 inch rack mount brackets

DN-MC6000 can be installed in an EIA standard 19 inch rack by attaching the supplied rack mount brackets.

- ① Remove the side panel fixing screws on DN-MC6000 to take off the side panels.
- ② Attach rack mount brackets to the DN-MC6000 by using the side panel fixing screws or the supplied screws.



### NOTE

Do not use other screws. Doing so may cause damage to the threads.

## Mounting in a rack

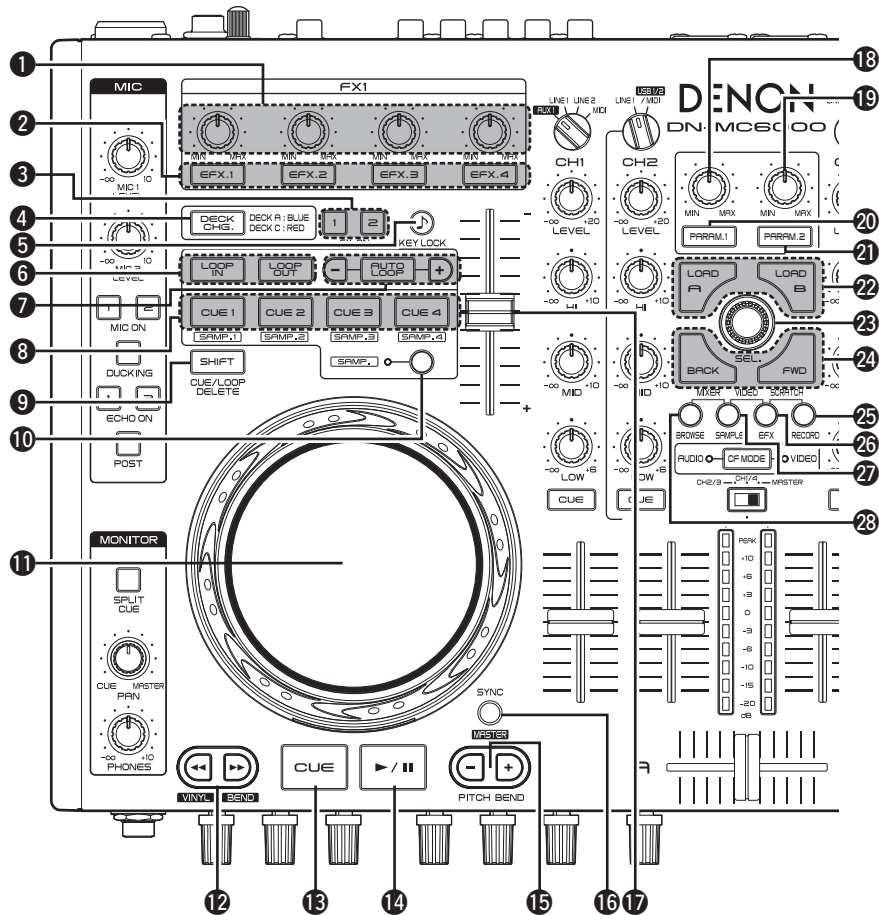
Set up the installation environment carefully. For example, take care to protect the DN-MC6000 from heat caused by other devices.

# Part names and functions

## Top panel

This section describes the top panel in the following sections: ① TRAKTOR, ② Virtual DJ, and ③ Mixer. Read descriptions for your DJ software.

### ① TRAKTOR



#### ① Effect adjustment knob (EFX.1/EFX.2/EFX.3/EFX.4)

The behavior differs according to the TRAKTOR mode (ADVANCED EFX/CHAINED EFX).

**EFX.1** : Adjusts the effect balance.

- Hold ⑨ **SHIFT** and turn this knob to enter the following setting mode.

- **In the ADVANCED EFX mode:**

- Selects the effect type.

- **In the CHAINED EFX mode:**

- (Not available)

- **EFX.2/EFX.3/EFX.4:**

- **In the ADVANCED EFX mode:**

- Adjusts effect parameters.

- **In the CHAINED EFX mode:**

- Adjusts the effect level.

- Hold ⑨ **SHIFT** and turn this knob to enter the following setting mode.

- **In the ADVANCED EFX mode:**

- (Not available)

- **In the CHAINED EFX mode:**

- Selects the effect type.

#### ② FX ON/OFF switch button (EFX.1/EFX.2/EFX.3/EFX.4)

The behavior differs according to the setting mode (ADVANCED EFX/CHAINED EFX).

**EFX.1** :

- **In the ADVANCED EFX mode:**

- Switches the effect ON/OFF.

- **In the CHAINED EFX mode:**

- (Not available)

- **EFX.2/EFX.3/EFX.4 :**

- **In the ADVANCED EFX mode:**

- Switches effect parameters ON/OFF.

- **In the CHAINED EFX mode:**

- Switches the effect ON/OFF.

#### ③ FX ON/OFF switch button (FX ON 1/2)

Sets the deck to effect slot 1 or 2.

#### ④ Deck focus switch button (DECK CHG.)

Indicates the selected deck with the button color.

- **When DECK A or B is selected:**

- The button lights blue.

- **When DECK C or D is selected:**

- The button lights red.

#### ⑤ Key lock button (KEY LOCK)

With this ON, the key does not change even if you adjust the tempo during playback.

#### ⑥ Loop point setting button (LOOP IN/LOOP OUT)

Hold ⑨ **SHIFT** and press this button to clear the loop.

## 7 Auto loop and loop size adjustment buttons (AUTO LOOP -/+)

- **AUTO LOOP** button switches auto loop ON/OFF.
- **-/+** buttons adjust the loop size and beat interval.
- Hold **9 SHIFT** and press these buttons to enter the following setting mode.

### AUTO LOOP :

- Opens the BEAT JUMP window.
- /+ :**
- Performs BEAT JUMP at the set beat interval.

## 8 CUE button (CUE1/CUE2/CUE3/CUE4)

You can set up to 8 CUE points.  
Select registered CUE points by switching the sample mode ON/OFF.

- Function available in TRAKTOR Pro.
- On:** Sets CUE1-4 points or performs CUE playback.
- Off:** Sets CUE1-4 points or performs CUE playback.
- Hold **9 SHIFT** and press the individual buttons to delete the settings for the corresponding CUE point.

## 9 Shift button (SHIFT)

## 10 CUE switch button and display (SAMP.)

- The button switches CUE1-4/CUE5-8.
- When CUE5-8 is selected, the display lights up.

## 11 Jog wheel

- Searches playback points or performs the bend operation.
- Hold **9 SHIFT** and turn this to search for the list.

## 12 Fast-forward/Fast-rewind buttons (◀◀/▶▶)

## 13 CUE button (CUE)

Sets the current CUE point and stutters the current CUE point when pushed repeatedly.

## 14 Play/Pause button (▶/||)

Push once to start playback, once again to pause playback, and once more to resume playback.

## 15 Pitch bend adjustment buttons (PITCH BEND -, +)

Adjust the pitch temporarily.

## 16 Beat synchronization button (SYNC)

- Performs auto beat matching.
- Hold **9 SHIFT** and press this button to set the currently selected deck to the SYNC master deck.

## 17 Pitch fader slider

Adjusts the playback pitch.  
Move the knob toward the “-” direction to slow down the pitch and the “+” direction to speed up the pitch.

## 18 Parameter1 adjustment knob

Adjusts the filter cut off frequency.

## 19 Parameter2 adjustment knob

Adjusts the filter cut off frequency.

## 20 Parameter1 ON/OFF switch button (PARAM.1)

Switches the filter function ON/OFF.

## 21 Parameter2 ON/OFF switch button (PARAM.2)

Switches the filter function ON/OFF.

## 22 Load button (LOAD A/B)

- Loads the file selected by the track selection knob to DECK A or DECK B.
- Hold **9 SHIFT** and press this button to load the file to DECK C or DECK D.
  - Changes into duplicate function in TRAKTOR LE.

## 23 Track selection knob (SEL.)

- **Turn the track selection knob:**  
Scrolls through the browser list. Hold **9 SHIFT** and turn the knob to scroll through the browser tree.
- **Press the track selection knob:**  
Loads the file selected in the browser list. Hold **9 SHIFT** and press this button to open/close the directory (folder) in the browser tree.

## 24 Window switch button (BACK/FWD)

- Switch the displayed FAVORITES windows.
- Hold **9 SHIFT** and press **BACK** to load the file selected with the track selection knob to the preview player.
  - Press **FWD** to play back or pause the preview player.

## 25 RECORD window switch button (RECORD)

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 13
  - DECK B..... MIDI CHANNEL 15
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 14
  - DECK D ..... MIDI CHANNEL 16

## 26 EFX window switch button (EFX)

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 9
  - DECK B..... MIDI CHANNEL 11
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 10
  - DECK D ..... MIDI CHANNEL 12

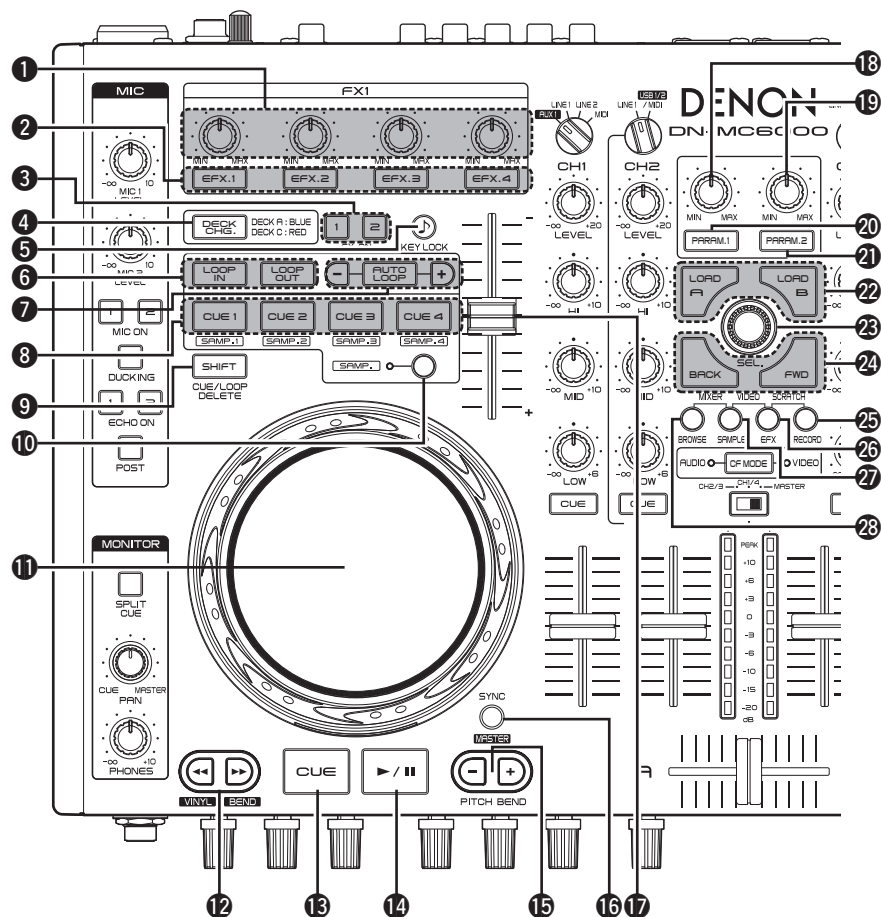
## 27 SAMPLE window switch button (SAMPLE)

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 5
  - DECK B..... MIDI CHANNEL 7
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 6
  - DECK D ..... MIDI CHANNEL 8

## 28 BROWSE window switch button (BROWSE)

- Maximizes/minimizes the browser window display.
- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
  - **When DECK CHG. is blue**
    - DECK A..... MIDI CHANNEL 1
    - DECK B..... MIDI CHANNEL 3
  - **When DECK CHG. is red**
    - DECK C..... MIDI CHANNEL 2
    - DECK D ..... MIDI CHANNEL 4

## 2 Virtual DJ



- 1 Effect adjustment knob (EFX.1/EFX.2/EFX.3/EFX.4)**  
**EFX.1** : Selects the effect.  
**EFX.2** : Adjusts the parameter1 level.  
**EFX.3** : Adjusts the parameter2 level.  
**EFX.4** : Controls the filter cutoff.  
 • Hold **10 SAMP.** and turn this knob to adjust the sample volume.
- 2 FX ON/OFF switch button (EFX.1/EFX.2/EFX.3/EFX.4)**  
**EFX.1** : Switches the effect ON/OFF.  
**EFX.2 / EFX.3** : Effect buttons 1/2.  
 • Only supported in selected effect plugins.  
**EFX.4** : Reset filter (off).  
 • Hold **10 SAMP.** and operate this button to play/stop sample.
- 3 FX ON/OFF switch button (FX ON 1/2)**  
**FX.1** : Switches Flanger ON/OFF.  
 • Hold **9 SHIFT** and press this button to switch Brake ON/OFF.  
**FX.2** : Switches Beat Grid ON/OFF.  
 • Hold **9 SHIFT** and press this button to switch Backspin ON/OFF.
- 4 Deck focus switch button (DECK CHG.)**  
 Indicates the selected deck with the button color.  
 • **When DECK A or B is selected:**  
 The button lights blue.  
 • **When DECK C or D is selected:**  
 The button lights red.  
 • Hold **9 SHIFT** and operate this button to select PLAYER/LOOPS/EFFECTS screen on the deck.
- 5 Key lock button (KEY LOCK)**  
 When this function is ON, the key does not change even if you adjust the tempo during playback.
- 6 Loop point setting button (LOOP IN/LOOP OUT)**  
 Sets loop in points and loop out points.  
 • Hold **9 SHIFT** and press this button to clear the loop.
- 7 Auto loop and loop size adjustment buttons (AUTO LOOP +/-)**  
 • **AUTO LOOP** button switches auto loop ON/OFF.  
 • **-/+** buttons adjust the loop size.  
 • Hold **9 SHIFT** and press this button to move loop left/right by 4 beats.  
 • Hold **10 SAMP.** and press this button to adjust sample length by halving/doubling it.
- 8 CUE button (CUE1/CUE2/CUE3/CUE4)**  
 You can set up to 4 CUE points in real time. The behavior differs as follows according to the ON/OFF state of the sample mode.  
**On**: Plays back the sample.  
**Off**: Sets CUE points or performs CUE playback.  
 • Hold **9 SHIFT** and then the button to delete the corresponding settings.  
 • Hold **9 SHIFT** and press **CUE1-4** while SAMP1-4 is selected to play back the selected sample. During sample playback, samples are played back from the beginning again (Stutter function).
- 9 Shift button (SHIFT)**
- 10 CUE switch button and display (SAMP.)**  
 The button switches CUE1-4/SAMP1-4.
- 11 Jog wheel**  
 Locates cue points, scratches the song playback or pitch bend operation.  
 • Hold **9 SHIFT** and turn this to browse files/samples/effects (As appropriate for the selected window).
- 12 Fast-forward/Fast-rewind buttons (<</>>)**
- 13 CUE button (CUE)**  
 Sets the current CUE point and stutters the current CUE point when pushed repeatedly.
- 14 Play/Pause button (▶/||)**  
 Push once to start playback, once again to pause playback, and once more to resume playback.
- 15 Pitch bend adjustment buttons (PITCH BEND -, +)**  
 Adjust the pitch temporarily.
- 16 Beat synchronization button (SYNC)**  
 Performs auto beat matching.  
 • Hold **9 SHIFT** and operate this button to set current Deck to the Master for SYNC feature.
- 17 Pitch fader slider**  
 Adjusts the playback pitch.  
 Move the knob toward the “-” direction to slow down the pitch and the “+” direction to speed up the pitch.

**18 Parameter1 adjustment knob**

The function differs according to the window.

- **BROWSER** : Selects the video transition type.
- **SAMPLER** : Adjusts the sample level for DECK A.
- **EFFECTS** : Adjusts the parameter 1 for the selected effect.
- **RECORD** : – (Not available)

**19 Parameter2 adjustment knob**

The function differs according to the window.

- **BROWSER** : Selects the video effect type. Hold **9 SHIFT** and turn the knob to adjust the video effect depth.
- **SAMPLER** : Adjusts the sample level for DECK B.
- **EFFECTS** : Adjusts the parameter 2 for the selected effect.
- **RECORD** : – (Not available)

**20 Parameter1 ON/OFF switch button (PARAM.1)**

The function differs according to the window.

- **BROWSER** : Switches the video transition function ON/OFF.
- **SAMPLER** : Plays back the sample for DECK A. Hold **9 SHIFT** and press this button during sample playback to play back the sample from the beginning again (Stutter function).
- **EFFECTS** : Enables the effect selected for DECK A.
- **RECORD** : – (Not available)

**21 Parameter2 ON/OFF switch button (PARAM.2)**

The function differs according to the window.

- **BROWSER** : Switches the video effect ON/OFF.
- **SAMPLER** : Plays back the sample for DECK B. Hold **9 SHIFT** and press this button during sample playback to play back the sample from the beginning again (Stutter function).
- **EFFECTS** : Enables the effect selected for DECK B.
- **RECORD** : – (Not available)

**22 Load button (LOAD A/B)**

The function differs according to the window.

- **BROWSER** : Loads song on left or right deck.
- **SAMPLER** : Selects sampler deck.
- **EFFECTS** : Selects effect deck.
- **RECORD** : – (Not available)

**23 Track selection knob (SEL.)**

Turn or press the knob to select the file.

The function differs according to the window.

- **Turn the track selection knob**
  - **BROWSER** : Scrolls through the file/folder list.
  - **SAMPLER** : Selects the sample.
  - **EFFECTS** : Selects the effect.
  - **RECORD** : – (Not available)
  - Hold **10 SAMP.** and operate this knob to select samples.
- **Press the track selection knob**
  - **BROWSER** :
    - **Songs** : Adds songs to the play list. Hold **9 SHIFT** and press this button to add songs to the side list. Function only available in Virtual DJ Pro.
    - **Folders** : Selects the folders. Hold **9 SHIFT** and press this button when sub-folders exist to open/close sub-folders within the browser tree.
  - **SAMPLER** : Plays back the sample. Hold **9 SHIFT** and press this button during sample playback to play back the sample from the beginning again (Stutter function).
  - **EFFECTS** : Switches the effect ON/OFF.
  - **RECORD** : Starts/stops recording. Hold **9 SHIFT** and press this button to start/stop recording next track.

**24 Window switch button (BACK/FWD)**

The function differs according to the window.

- **BROWSER** :
  - Virtual DJ Pro: Switches among folders, songs, playlist and the side list.
  - Virtual DJ LE : Switches among folders and songs.
- **SAMPLER** : Selects the sample.
- **EFFECTS** : Switches between sound effects, video effects, and video transition.
- **RECORD** : – (Not available)

**25 RECORD window switch button (RECORD)**

Displays the RECORD window.

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 13
  - DECK B..... MIDI CHANNEL 15
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 14
  - DECK D ..... MIDI CHANNEL 16

**26 EFFECTS window switch button (EFX)**

Displays the EFFECTS window.

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 9
  - DECK B..... MIDI CHANNEL 11
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 10
  - DECK D ..... MIDI CHANNEL 12

**27 SAMPLE window switch button (SAMPLE)**

Displays the SAMPLER window.

- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 5
  - DECK B..... MIDI CHANNEL 7
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 6
  - DECK D ..... MIDI CHANNEL 8

**28 BROWSE window switch button (BROWSE)**

Maximizes/minimizes the browser window display.

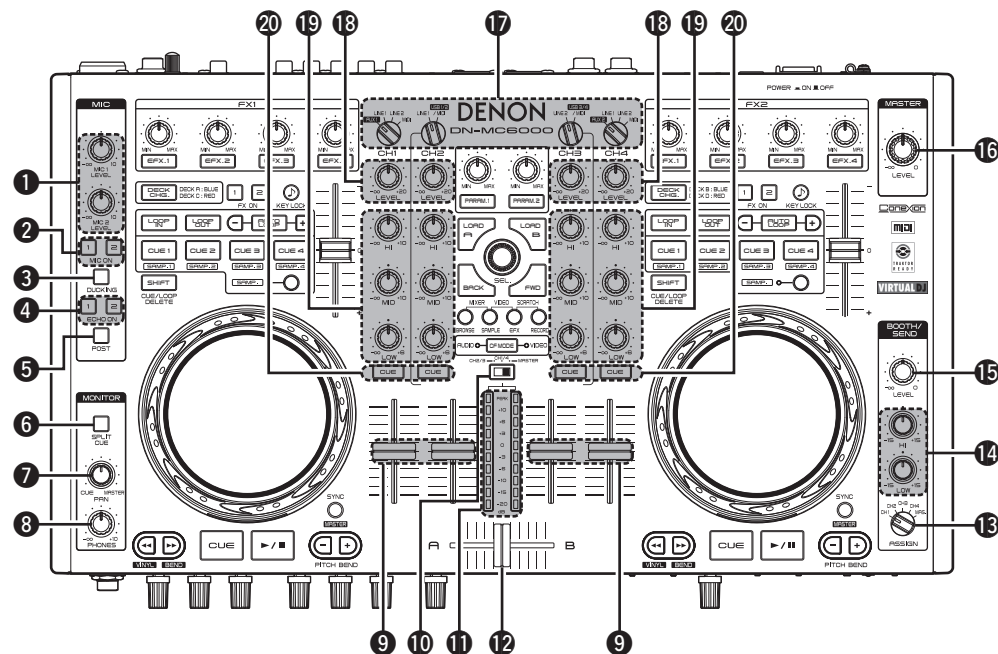
- Hold **9 SHIFT** and press this button to allocate next MIDI CHANNEL to each DECK according to the ON/OFF state of the DECK CHG. mode.
- **When DECK CHG. is blue**
  - DECK A..... MIDI CHANNEL 1
  - DECK B..... MIDI CHANNEL 3
- **When DECK CHG. is red**
  - DECK C..... MIDI CHANNEL 2
  - DECK D ..... MIDI CHANNEL 4

**NOTE**

- The MIDI channels should not be changed otherwise the controller will not function correctly with Virtual DJ.
- It expects DECK A → DECK D of the controller to be MIDI channels 1 → MIDI channels 4.

### 3 Mixer part

For buttons not explained here, see the page indicated in parentheses ( ).



- 1 **MIC input level adjustment knob (MIC 1/2 LEVEL)** ..... (17)
- 2 **MIC ON/OFF switch button (MIC ON 1/2)** ..... (17)
- 3 **Ducking ON/OFF switch button (DUCKING)** ..... (17)  
Automatically attenuates the master output level when MIC input is detected.
- 4 **Echo ON/OFF switch button (ECHO ON 1/2)** ..... (17)  
• Switches the MIC echo ON/OFF.  
• This can be set separately for MIC 1 and MIC 2.

- 5 **Post ON/OFF switch button (POST)** ..... (17)  
With this ON, the MIC audio is mixed together with the master audio from the booth/send output terminal and record output terminal.
- 6 **Split CUE ON/OFF switch button (SPLIT CUE)** ..... (18)  
With this ON, the left channel of the headphone outputs the monaural CUE audio and the right channel the monaural master audio. When off, the master output and CUE output are heard in stereo.
- 7 **PAN adjustment knob (PAN)** ..... (18)  
Adjusts the balance for the CUE and master output to the headphone.

- 8 **Headphone output level adjustment knob (PHONES)** ..... (18)
- 9 **Channel fader knob** ..... (17)  
Adjusts the mixing level for input channels.
- 10 **Level meter display change switch (CH2/3, CH1/4, MASTER)**  
Selects the channel displayed for the level meter from three display modes.

- CH2/3:**
- The left channel displays the CH2 level and the right channel the CH3 level.
  - When the channel input source switch knob is set to LINE1 (LINE2), the volume level for the external input source is displayed.
  - When the channel input source switch knob is set to USB1/2 /MIDI (USB3/4 /MID), the volume level for the USB audio input is displayed.

- CH1/4:**
- The left channel displays the CH1 level and the right channel the CH4 level.
  - The displayed source differs according to the channel input source switch knob position.
  - When the channel input source switch knob is set to AUX1/2 or LINE1/2, the volume level for the external input source is displayed.
  - When the channel input source switch knob is set to MIDI, the volume level on DJ software is displayed.

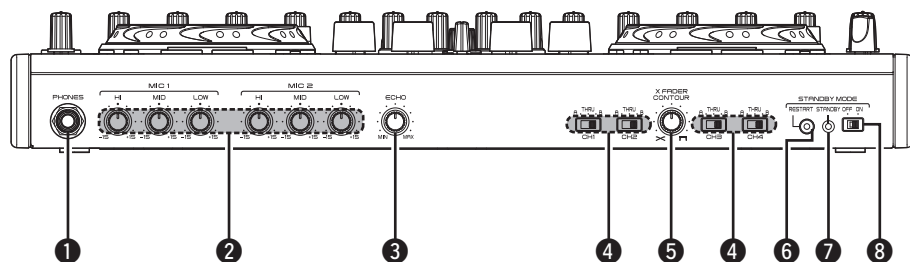
- MASTER:**
- Displays the volume level for the master output audio (L/R).

- 11 **Channel/master level meter**  
Displays the output level for the channel selected with the level meter display change switch.

- 12 **Cross fader knob (A/B)** ..... (17)  
Adjusts the output balance at the channel level.
- 13 **Booth/send output source selection knob (ASSIGN)**  
Selects the source to output from the booth/send output terminal.
- 14 **Booth/send EQ adjustment knob (HI/ LOW)**  
Adjusts the frequency characteristics for signals that are output from the booth/send output terminal.
- 15 **Booth/send output level adjustment knob (LEVEL)**  
Adjusts the output level for signals that are output from the booth/send output terminal.
- 16 **Master output level adjustment knob (MASTER LEVEL)** ..... (17)  
Adjusts the output level for the master output terminal.
- 17 **Channel input source switch knob** ..... (17)  
Selects the input source for each channel.
- 18 **Channel input level adjustment knob (LEVEL)** ..... (17)
- 19 **Channel isolator EQ adjustment knob (HI/MID/LOW)** ..... (17)  
Adjusts the frequency characteristics for the input signal for each channel. Setting this to the center position makes the frequency characteristics flat.
- 20 **Channel CUE button (CUE CH1-4)** ..... (18, 19)  
Outputs the source of the channel selected with the CUE button to the headphone after monitor mix.

## Front panel

For buttons not explained here, see the page indicated in parentheses ( ).



1 Headphone jack (PHONES) ..... (18)

2 MIC EQ adjustment knob (MIC1,2 HI/MID/LOW) ..... (18)  
Adjusts the frequency characteristics for the MIC input signal.

3 MIC echo adjustment knob (ECHO) ..... (17)

4 Cross fader assignment switch (THRU CH1-4) ..... (17)  
**A/B:**  
• Sets the channel source to cross fader A or B.  
**THRU:**  
• Sets the channel source without passing through the cross fader.

5 Cross fader contour adjustment knob (X FADER CONTOUR) ..... (17)  
Adjusts the cross fader curve.  
• You can also adjust the cross fader curve for DJ software.

6 Restart button (RESTART)  
Press this after auto standby operation in the standby mode to cancel auto standby mode and restart in normal mode.

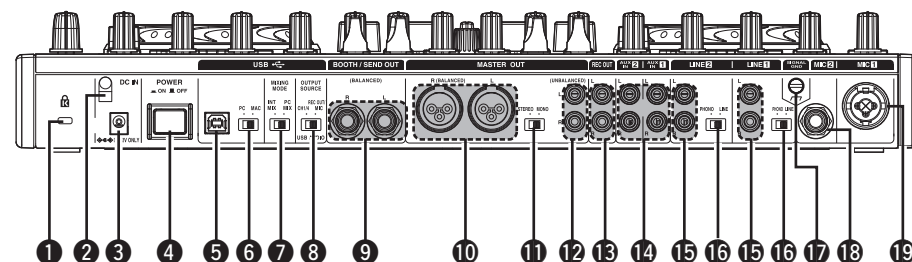
7 Standby mode display (STANDBY)  
Lights up when the unit enters standby mode with the auto standby operation.

8 Standby mode selector switch (STANDBY MODE ON/OFF)  
• **ON:**  
Enables the auto standby function.  
• **OFF:**  
Disables the auto standby function.

**Auto standby function**  
With the power ON, if the unit is not operated for about eight hours, or if no signal is passing to the current input source for about eight hours, the unit automatically enters standby mode.

## Rear panel

For buttons not explained here, see the page indicated in parentheses ( ).



1 Theft protection lock hole

2 AC adapter cable holder ..... (11)  
This prevents the AC adapter plug from disconnecting.  
Use a Phillips screwdriver to anchor the AC adapter cable to this holder.

3 DC IN jack (DC IN) ..... (11)

4 Power switch (POWER) ..... (17)

5 USB terminal (USB) ..... (11)

6 PC/MAC selector switch (PC MAC) ..... (11)  
Switch this according to the OS running on the computer connected to the unit.

7 Mixing mode selector switch (MIXING MODE) ..... (18)

8 USB audio output source selector switch (OUTPUT SOURCE) ..... (18)

9 Booth/send output terminal (BOOTH/SEND OUT BALANCED) ..... (10)

10 Master output terminal (MASTER OUT BALANCED) ..... (10)

11 Master output channel selector switch (STEREO/MONO) ..... (10)

12 Master output terminal (MASTER OUT UNBALANCED) ..... (10)

13 Record output terminal (REC OUT) ..... (10)

14 AUX 1/2 input terminal (AUX 1/2 IN) ..... (9)

15 Line 1/2 input terminal (LINE 1/2) ..... (9)

16 Input selector switch (LINE/PHONO) ..... (9)

17 Signal ground terminal (SIGNAL GND) ..... (9)

18 Balanced MIC input terminal (MIC2) ..... (9)

19 Balanced MIC input terminal (MIC1) ..... (9)

# Connections

## NOTE

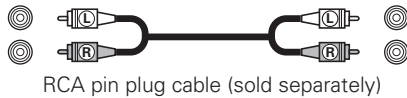
- Do not plug in the power cord until all connections have been completed.
- When making connections, also refer to the operating instructions of the other components.
- Insert the plugs securely. Loose connections will result in the generation of noise.
- Be sure to connect the left and right channels properly (left with left, right with right).
- Connect the cables to the correct input and output terminals.
- Do not bundle power cords together with connection cables. Doing so can result in humming or noise.

## Preparations

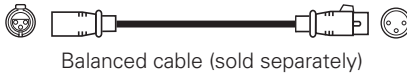
### Cables used for connection

Select the cables according to the equipment being connected.

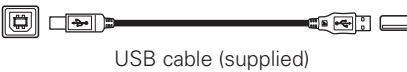
#### For RCA input terminals



#### For XLR input/output terminals and Balanced MIC input



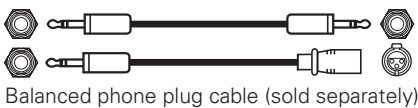
#### For USB terminal



#### For coaxial MIC input

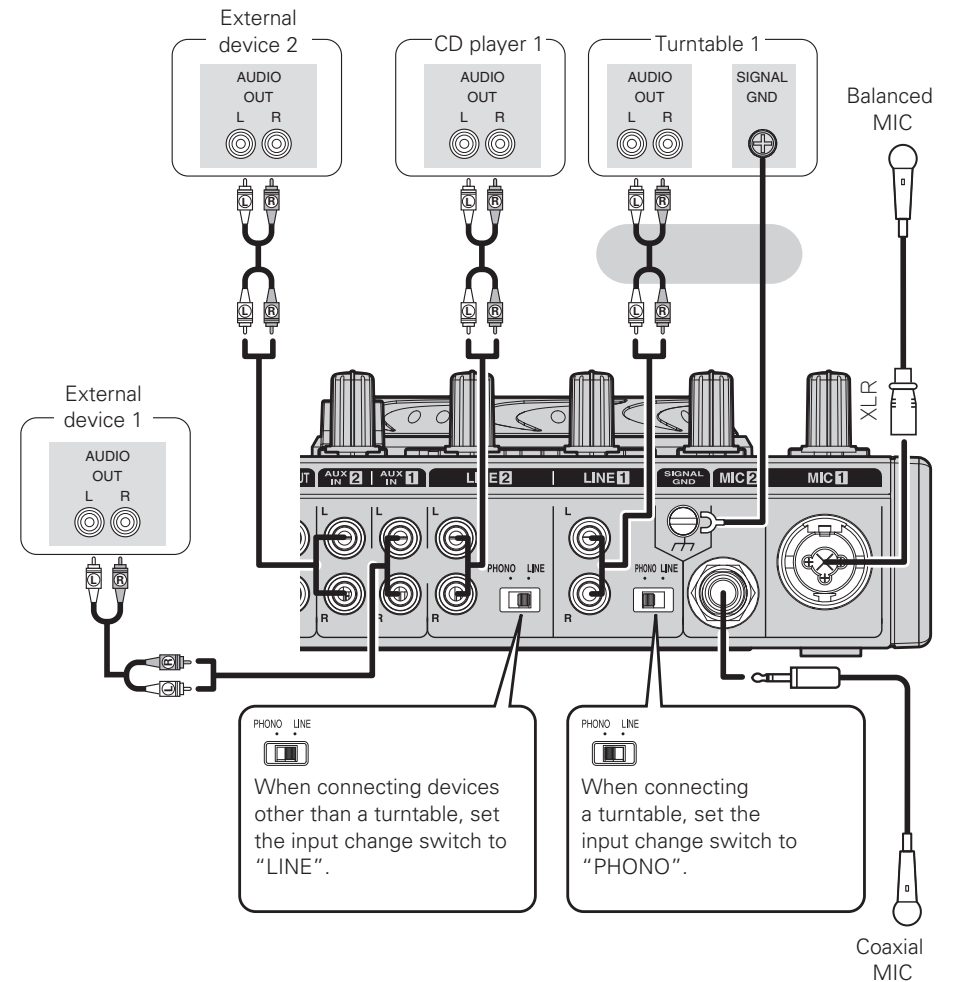


#### For booth/send output terminals



## Input terminal connection

### Connecting external devices and MIC



#### Balanced MIC connection

Connect a microphone to this balanced jack using an XLR connector.

##### Pin layout:

1. Ground (GND)
2. Hot (HOT)
3. Cold (COLD)

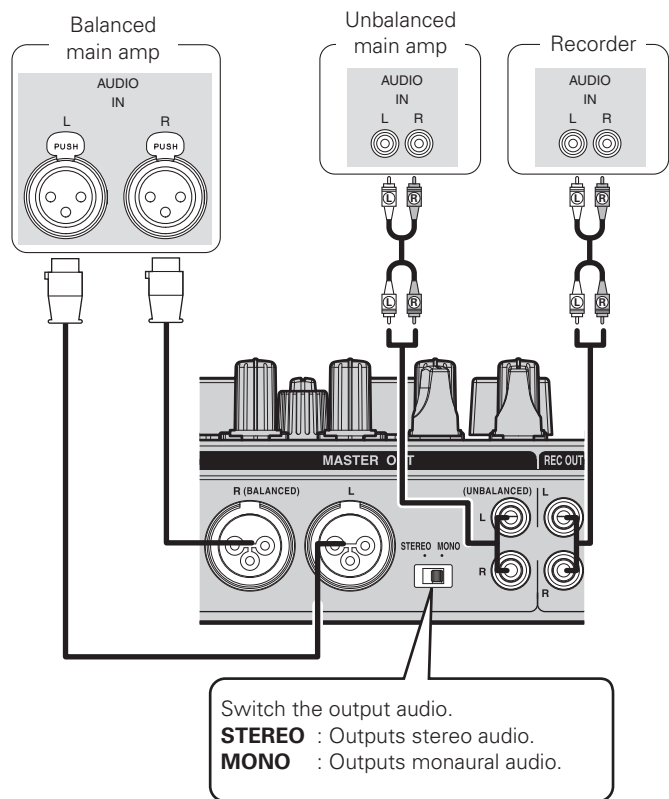
##### Suitable connector:

Cannon XLR-3-12C or equivalent.

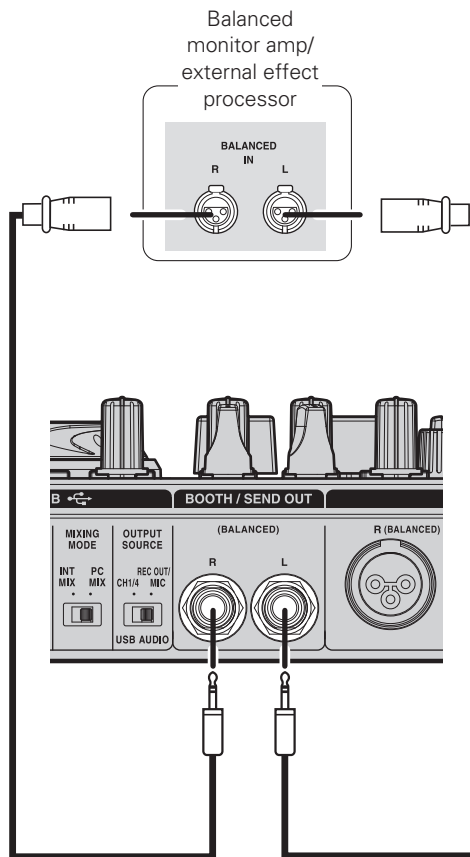


# Output terminal connections

## Outputting to amps and recording



## Connecting of the booth/send output terminal



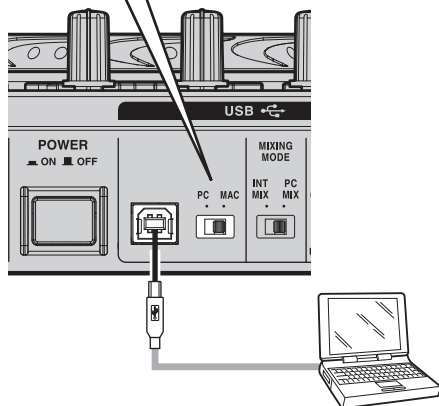
Before use
Part names and Functions
<b>Connections</b>
Installing and setting up supplied software
Basic operations
USB settings
Other functions
Troubleshooting
Specifications
Index
System diagram

# Input/Output terminal connections

## Connection to a computer

Use the supplied USB cable to connect the unit with a computer so that USB MIDI and USB audio signals can be sent and received.

Set this according to the OS of your computer.  
**PC** : Sets the USB audio interface for ASIO driver support.  
**MAC** : Sets the USB audio interface for Core Audio support.



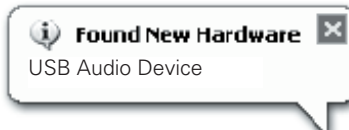
## Compatible computers

- Computers running the following computer OS versions can be connected to this unit.
  - Windows XP SP3 or later (32 Bit only)
  - Windows Vista SP2 or later (32 or 64 Bit)
  - Windows 7 (32 or 64 Bit)
  - Mac OSX 10.5 or later
- Computers running other OS versions may not be compatible with the USB MIDI. For this reason, such computers may function abnormally after connecting by USB to this unit.
- Windows is a registered trademark or trademark of Microsoft Corporation in the United States and / or other countries. MAC is a registered trademark or trademark of Apple Incorporated in the United States and / or other countries.

## Automatic driver installation

When you connect the unit to a computer, drivers for the unit are automatically installed in the computer.

When the unit is connected to a Windows PC, the display shown at right appears at the bottom right on the screen.



Once installation is completed, a message "Your new hardware is installed and ready to use." appears as shown, and you can operate the unit.



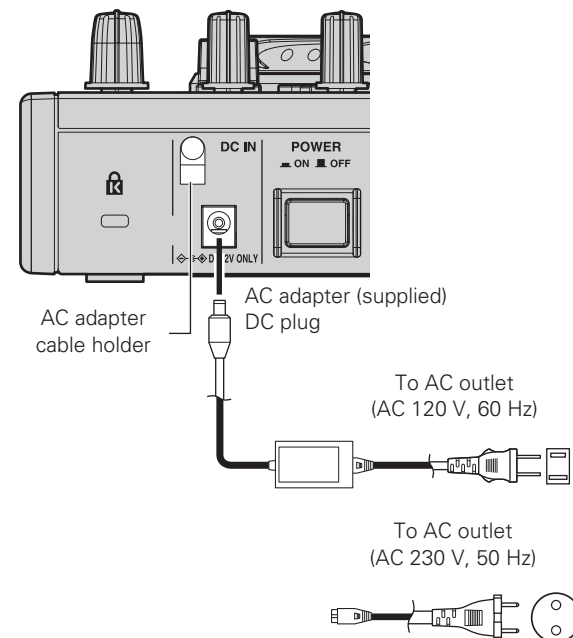
- For MAC OS, the unit can be used immediately after connecting.

## Connecting the power cord

Insert the supplied AC adapter DC plug into the DC IN jack of the unit and then insert the AC plug to the outlet.

### NOTE

Insert the plug fully and securely into the socket. Incomplete connection to the power supply may cause damage to the unit, or noise.



To prevent the DC plug from disconnecting, it is recommended that you should anchor the power cord to the AC adapter cable holder. Use a Phillips screwdriver to secure it.

# Installing and setting up supplied software

## Installing the ASIO driver (Windows only)

Use the following steps to install the supplied ASIO drivers.

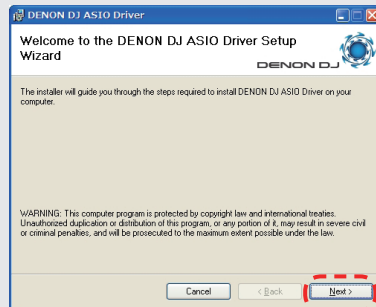
### 1 Insert CD-ROM “DN-MC6000 Resource CD-ROM” into your computer.

The browse screen for the disk drive is displayed.

- If the browse screen is not displayed, click the disk drive on My Computer.

### 2 Click “Asio Driver Installation”.

The ASIO Driver Setup Wizard is launched.  
Click “Next>”.



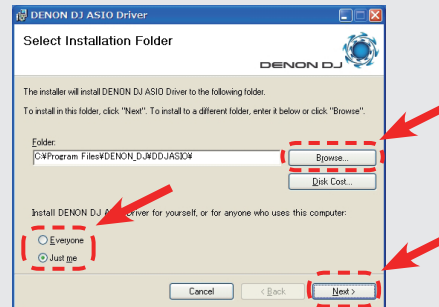
### 3 The license agreement screen appears. If you agree, select “I Agree”.

The “Next>” button can now be selected.

Click “Next>”.



### 4 A screen for verifying the folder in which the ASIO driver is to be installed appears. Click “Next>”.



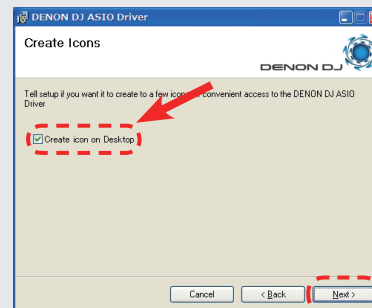
By default, the ASIO driver is installed in “**C:\Program Files\DENON\_DJ\DDJASIO**”.

To change this, select “Browse”, then choose the desired folder.

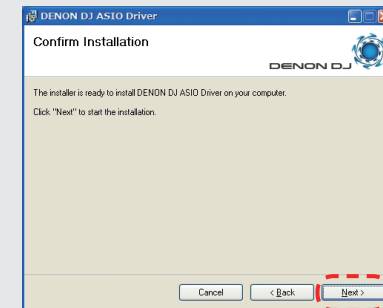
Choose “Everyone” if “everyone” uses the computer on which the update program is to be installed, “Just me” if you are the only user.

### 5 A window for verifying whether or not to create icons on the desktop appears.

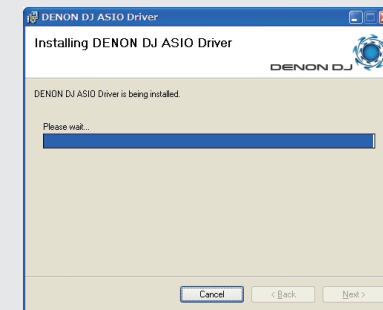
If you want to create the icon, select the check box and click “Next >”.



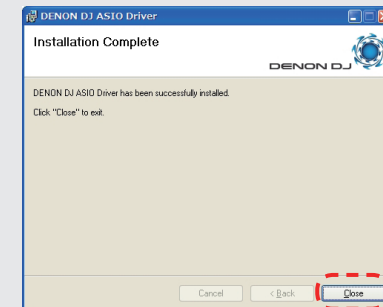
### 6



Click “Next>”.  
Installation begins.



### 7 When the following installation completion screen is displayed, click “Close”.



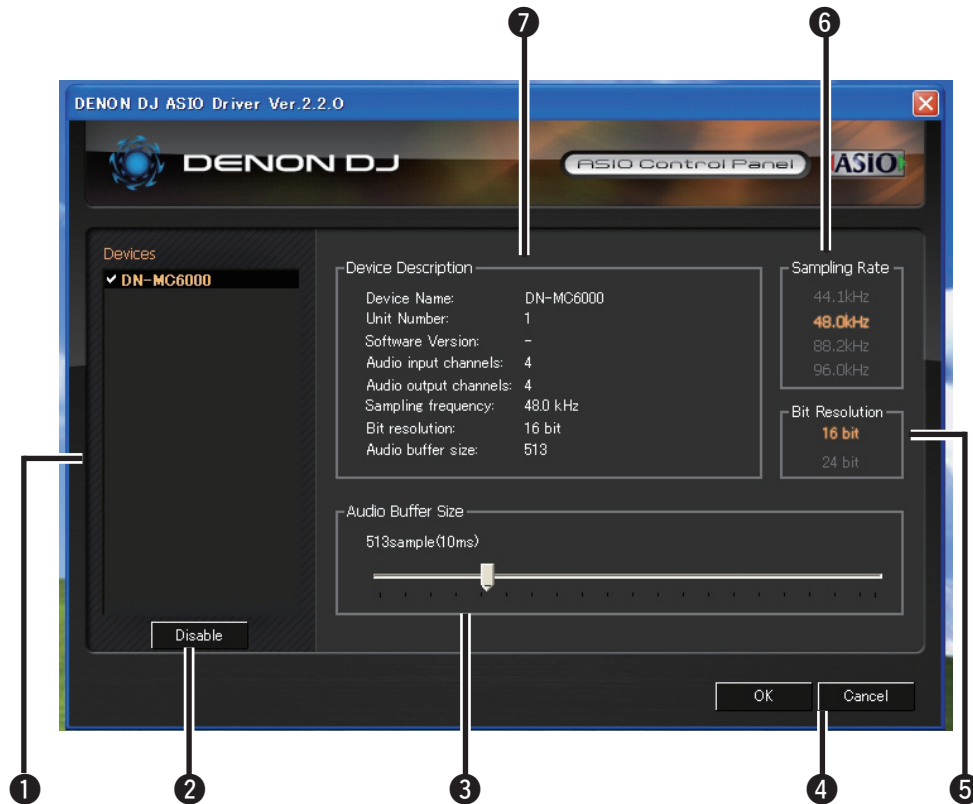
### Uninstalling

To uninstall the ASIO driver, use Control Panel.

## Starting up

When the DENON DJ ASIO driver's "ASIO Control Panel" is called out from the host application, the DENON DJ ASIO driver displays the ASIO control panel.

## About the control panel screen



### 1 Devices (Device list)

This window is used for automatically displaying all connected DENON DJ devices in a list. (Example: DN-MC6000)

- When you select a device you want to set from this list, the current settings of the selected device appear in a window 7 ("Device Description").
- If you double-click a device, the ASIO device status is switched from "Enable" to "Disable" or vice versa.

### ASIO device status

**Enable** : A check mark appears on the left side of a device name and the name is highlighted (bold).

**Disable** : The check mark on the left side of a device name is removed and the device name is displayed in lightface.



- You can select one device at a time.
- You can set multiple devices to enable at the same time.

### 2 Enable/Disable

This button is used for switching a device selected in 1 to enable or disable as an ASIO device.



You can also switch the status of an ASIO device by double-clicking the device name.

### 3 Audio Buffer Size

Use this slider to adjust the buffer size.

### NOTE

- The range of values is 88 to 2048 (sample units), in steps of 1 ms.
- When you set multiple devices to enable as ASIO devices, the same setting values apply to all ASIO devices.

### 4 OK/Cancel

#### OK:

Use this button to close the ASIO control panel, reflecting the changes to the settings.

#### Cancel:

Use this button to close the ASIO control panel without reflecting the changes to the settings.

### 5 Bit Resolution

Selected bit resolution is displayed.

### 6 Sampling Rate

The sampling rate selection is displayed here. The frequencies with which the DENON DJ ASIO driver is compatible are as follows:

- 44.1kHz/48kHz/96kHz

### 7 Device Description

This is the area in which information for the device selected in the device information list is displayed.

The following are displayed:

- Device name
- Unit number
- Software version
- Audio input channels
- Audio output channels
- Sampling frequency
- Max bit resolution
- Audio buffer size

### NOTE

If the device's information cannot be acquired, "-" (hyphens) are displayed for all items.

# Installing TRAKTOR

Use the following steps to install the DJ software “TRAKTOR” in the supplied CD-ROM.

## Installation onto a Windows computer

**1 Insert CD-ROM “TRAKTOR” into your computer.**  
The browse screen for the disc drive is displayed.

- If the browse screen is not displayed, click the disc drive on My Computer.

**2 Double-click “Traktor Setup.exe” .**  
A window opens and the TRAKTOR installation starts.

- Select Complete installation or Custom installation to start installation. If you are unsure about the Custom installation, select the Complete installation option.

**3 Follow each step in the installation screen for installation.**

**4 When the installation completes, close the installation screen.**



- After the installation, activate the software. For information about how to activate the software, see Service Center Manual, which is located in the Documentation folder under the Service Center folder that is created during the installation.
- It is recommended that you use the latest version of the TRAKTOR software.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- The serial number is printed on the back of the CD-ROM case.
- TRAKTOR is an NI software. To install and use the software, you have to accept the software license agreement.  
D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of TRAKTOR.

## Installation onto a MAC computer

**1 Insert CD-ROM “TRAKTOR” into your computer.**  
The TRAKTOR CD icon is displayed on the desktop.

**2 Double-click the TRAKTOR CD icon.**  
Files contained in the TRAKTOR CD are displayed for browsing.

**3 Double-click “Traktor Installer” .**  
A window opens and the TRAKTOR installation starts.

- Select Complete installation or Custom installation to start installation. If you are unsure about the Custom installation, select the Complete installation option.

**4 Follow each step in the installation screen for installation.**

**5 When the installation completes, close the installation screen.**



- After the installation, activate the software. For information about how to activate the software, see Service Center Manual, which is located in the Documentation folder under the Service Center folder that is created during the installation.
- It is recommended that you use the latest version of the TRAKTOR software.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- The serial number is printed on the back of the CD-ROM case.
- TRAKTOR is an NI software. To install and use the software, you have to accept the software license agreement.  
D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of TRAKTOR.

# Installing Virtual DJ

Use the following steps to install the DJ software “Virtual DJ” in the supplied CD-ROM.

## Installation into Windows computer

### 1 Insert CD-ROM “Virtual DJ” into your computer.

The browse screen for the disc drive is displayed.

- When the browse screen is not displayed, click the disc drive on My Computer.

### 2 Double-click “install\_virtualdj\_le\_vxx.exe”.

A window opens and the Virtual DJ installation starts.

- “xx” represents the version number.

#### [Example]

Ver.7 : install\_virtualdj\_le\_v7.0.exe

### 3 Follow each step in the installation screen for installation.

### 4 When the installation completes, close the installation screen.

The Virtual DJ icon is created on the desktop.



- When you start Virtual DJ for the first time after installation, follow the instructions on the screen to enter the product serial number.
- It is recommended that you use the latest version of Virtual DJ.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- The serial number is printed on the back of the CD-ROM case.
- Virtual DJ is an Atomix Productions software. To install and use the software, you have to accept the software license agreement. D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of Virtual DJ.

## Installation into MAC computers

### 1 Insert CD-ROM “Virtual DJ” into your computer.

The Virtual DJ icon is displayed on the desktop.

### 2 Double-click the Virtual DJ icon.

Files contained in the Virtual DJ are displayed for browsing.

### 3 Double-click “install\_virtualdj\_le\_vxx.dmg”.

A window opens and the Virtual DJ installation starts.

- “xx” represents the version number.

#### [Example]

Ver.7 : install\_virtualdj\_le\_v7.0.dmg

### 4 Follow each step in the installation screen for installation.

### 5 When the installation completes, close the installation screen.

The Virtual DJ icon is created on the desktop.

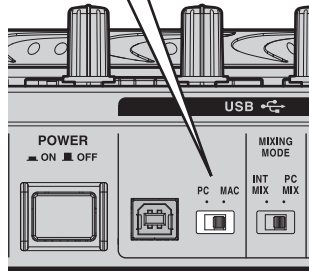


- When you start Virtual DJ for the first time after installation, follow the instructions on the screen to enter the product serial number.
- It is recommended that you use the latest version of Virtual DJ.
- For information about how to use the DJ software, see the instruction manual for the DJ software or the help menu.
- The serial number is printed on the back of the CD-ROM case.
- Virtual DJ is an Atomix Productions software. To install and use the software, you have to accept the software license agreement. D&M shall not be responsible for any problems with your computer and other software that may arise from the installation and use of Virtual DJ.

# Setup

This section describes how to set up DJ software based on your operation environment.

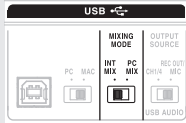
- PC MAC  
Set this according to the OS of your computer.
- PC** : Sets the USB audio interface for ASIO driver support.
  - MAC** : Sets the USB audio interface for Core Audio support.



## Controlling two decks on the DJ software

- **Mixing by using DN-MC6000 CH2/CH3 instead of using the internal mixer function of DJ software**

- 1** Set the mixing mode selector switch to “INT MIX”.

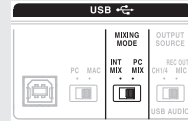


- 2** Set CH2 of the channel input source switch knob to “USB/1/2 /MIDI” and CH3 to “USB/3/4 /MIDI”.



- **Using the mixer function of the DJ software**

- 1** Set the mixing mode selector switch to “PC MIX”.

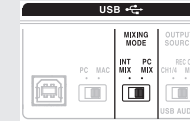


- 2** Set CH2 of the channel input source switch knob to “USB/1/2 /MIDI” and CH3 to “USB/3/4 /MIDI”.



## Controlling four decks with the DJ software (Using the mixer function of the DJ software)

- 1** Set the mixing mode selector switch to “PC MIX”.

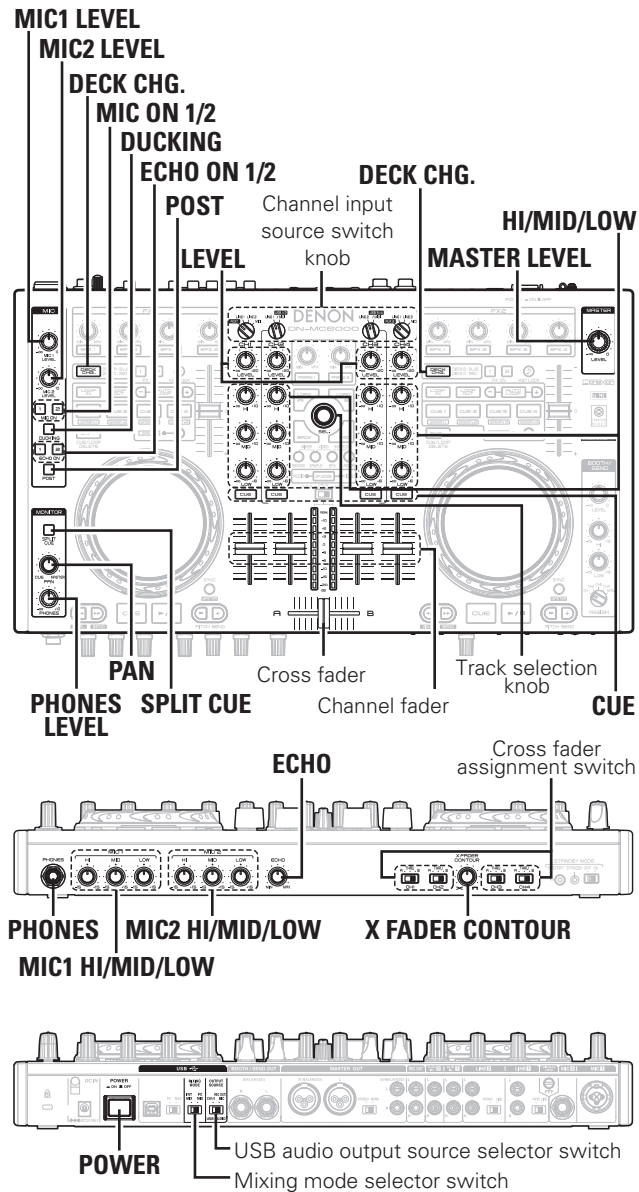


- 2** Set CH1 of the channel input source switch knob to “MIDI”, CH2 to “USB/1/2 /MIDI”, CH3 to “USB/3/4 /MIDI”, and CH4 to ”MIDI”.



To control four decks with the unit, use the mixer function of the DJ software.

# Basic operation



This section describes operations of the unit without using the DJ software.

- For information about how to operate the DJ software, see the instruction manual for the DJ software or the help menu.
- For information about the buttons on the unit for operating the DJ software and their functions, see the following pages.
  - TRACTOR.....Page 3, 4
  - Virtual DJ.....Page 5, 6

## Basic operation

- 1 Press POWER.**  
The unit is powered ON, and **DECK CHG.** and the track selection knob light up.
- 2 Select the input source for each channel using channel input source switch knob.**  
For LINE1 and LINE2 input terminals, you can switch between "PHONO" and "LINE". For information about setting up these terminals, see "Connecting external devices and MIC" in page 9.
- 3 Use LEVEL to adjust the input level.**  
The input level is displayed in the CUE master level meter.
- 4 Use HI/MID/LOW to adjust the audio quality.**
- 5 Use the channel fader and cross fader to adjust the volume.**
- 6 Use MASTER LEVEL to adjust the output level.**

### Adjust the cross fader curve

Adjusts the startup response of the cross fader. Beforehand, use the cross fader assignment switch on the front panel to set each channel to the cross fader A and B.

### Turn X FADER CONTOUR to adjust the curve response of the cross fader.

- : Slow startup curve characteristics (nine steps).
- : Sharp startup characteristics, with cut-in/cut-out.

## MIC (Mic input)

- 1 Press MIC ON 1 to use MIC1 and MIC ON 2 to use MIC2.**  
When you press the button, it lights up and the MIC input is switched ON.
- 2 Use MIC1 LEVEL or MIC2 LEVEL to adjust the MIC input level.**
- 3 Use MIC1 HI/MID/LOW or MIC2 HI/MID/LOW to adjust the MIC audio quality.**

### Echoing the MIC input

- Press **ECHO ON 1** to echo MIC1 and **ECHO ON 2** to echo MIC2.
  - When you press the button, it lights up and the echo is switched ON.
- Press **ECHO ON 1** to echo MIC1 and **ECHO ON 2** to echo MIC2.

### Enabling the ducking function

The ducking function detects the MIC input and attenuates the audio signal level of the master output. This prevents MIC audio from being inaudible under loud music.

Press **DUCKING**.

- **DUCKING** lights up.

### Outputting MIC audio to external devices

You can output MIC audio together with the master audio from the booth/send and REC output terminals.

Press **POST**.

- **POST** lights up.



## Headphone monitor

There are two methods for headphone monitoring. Switch between the two as desired for use.

Make sure that your headphone plug is already inserted in the **PHONES** jack.

### 1 Press **CUE** for each channel to select the source to monitor.

The selected **CUE** lights up.

### 2 Press **SPLIT CUE** to select the monitoring method. **SPLIT CUE mode** ← → **STEREO mode**

#### **SPLIT CUE mode**

- **SPLIT CUE** lights up.
- The channel sound (CUE) selected in step 1 is outputted from the left headphone.
- The master sound is outputted from the right headphone.
- The sound is monaural sound.

#### **STEREO mode**

- **SPLIT CUE** switches off.
- The channel sound (CUE) selected in step 1 and master sound output in stereo.

### 3 Rotate **PAN** to adjust the balance between the **CUE** sound and master sound.

### 4 Adjust the headphone volume using **PHONES LEVEL**.

#### **NOTE**

- When using headphones, be cautious to avoid prolonged loud volume in order to protect your ears.
- If the volume is turned too high, audio from the headphones may automatically be cut off. Lower the volume so that the audio can output again, and then adjust the volume to a suitable level.

## USB settings

### Setting up USB audio output

You can select one of two modes for audio signals from the USB audio output. Use the USB audio output source selector switch on the rear panel to select the mode.

#### **INPUT CH 1/4 output mode**

This mode outputs audio signals for the input channel 1/4 to the computer.

When you set the USB audio output source selector switch to "CH1/4", the audio signals output from the USB audio output terminal are set as follows.

- **Input channel 1:** Output from the USB1/2 channels to the computer.
- **Input channel 4:** Output from the USB3/4 channels to the computer.

#### **REC OUT/MIC output mode**

This mode outputs audio signals for the REC OUT output and MIC input to the computer.

When you set the USB audio output source selector switch to "REC OUT/MIC", the audio signals output from the USB audio output terminal are set as follows.

- **REC OUT output:** Output from the USB1/2 channels to the computer.
- **MIC input:** Output from the USB3/4 channels to the computer.

### USB audio mixing mode

You can select whether to mix audio signals that are played back on DJ software with DN-MC6000 via USB, or mix them with the mixer function of the DJ software. Use the mixing mode selector switch on the rear panel for selection.

#### **INTERNAL MIX output mode**

Select this mode when you want to mix audio signals that are played back on DJ software with CH2/CH3 of DN-MC6000 instead of using the mixer function of DJ software. When you set the mixing mode selector switch to "INT MIX", audio signals that are input from the USB terminal are set as follows.

- **USB 1/2 channels:** Output from the USB1/2 channels to the computer.
- **USB 3/4 channels:** Output from the USB3/4 channels to the computer.



With the mixing mode selector switch set to "INT MIX", MIDI commands are not issued even when you operate CH2/CH3 of the unit.

#### **PC MIX output mode**

Select this mode when you mix audio signals that are mixed on DJ software with the internal bus of DN-MC6000. When you set the mixing mode selector switch to "PC MIX", audio signals that are input from the USB terminal are set as follows.

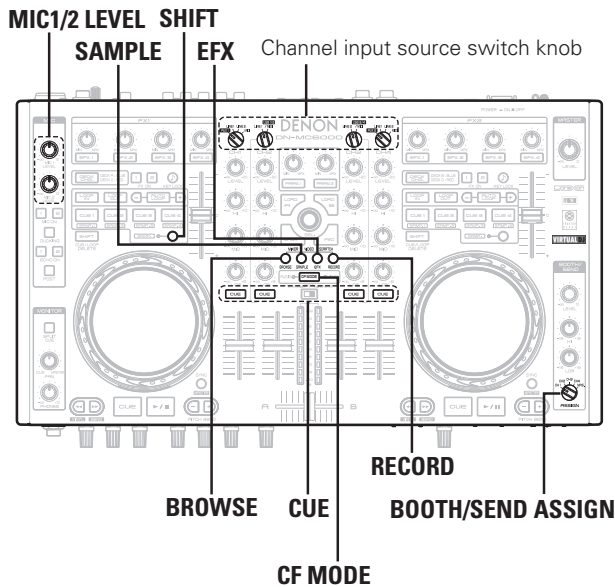
- **USB 1/2 channels:** Input to the master bus of DN-MC6000.
- **USB 3/4 channels:** Input to the CUE bus of DN-MC6000.



With the mixing mode selector switch set to "PC MIX", MIDI commands are issued when you operate CH2/CH3 of the unit. Therefore, if the DJ software supports four decks, you can control mixing for four decks by operating from the unit.

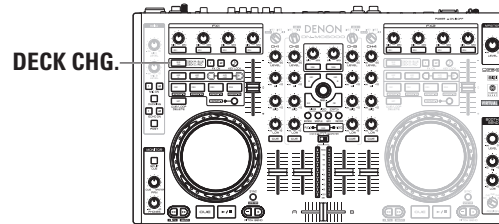
#### **NOTE**

Set up the audio output settings for DJ software according to the mixing mode on the unit.

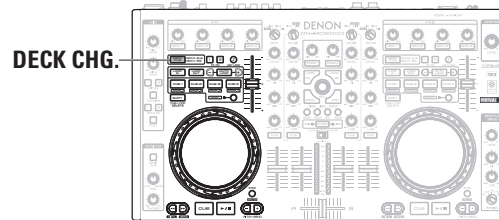


## MIDI command input/output

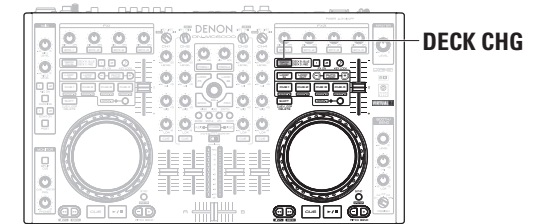
This unit supports USB MIDI output. Almost all MIDI control functions are supported. Controls are divided into the following blocks and assigned MIDI channels.



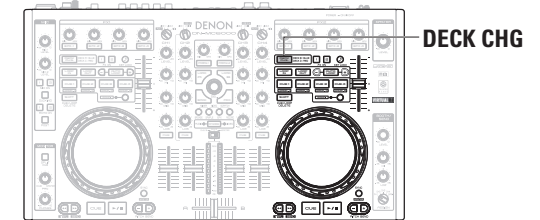
Range of CH1, CH5, CH9, and CH13  
\* The range within the dotted frame is enabled when **DECK CHG.** is blue.



Range of CH2, CH6, CH10, and CH14  
\* Enabled when **DECK CHG.** is red.



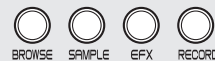
Range of CH3, CH7, CH11, and CH15  
\* Enabled when **DECK CHG.** is blue.



Range of CH4, CH8, CH12, and CH16  
\* Enabled when **DECK CHG.** is red.

## Setting up MIDI output channels and checking their settings

- Press one of the **BROWSE/SAMPLE/EFX/RECORD** buttons while holding the **SHIFT** pressed.



Assign the MIDI channels as shown below.

**BROWSE** : CH 1 – 4      **SAMPLE** : CH 5 – 8  
**EFX** : CH 9 – 12      **RECORD** : CH 13 – 16

- The **CUE** corresponding to MIDI channel comes on.

**CUE 1** : CH 1 – 4      **CUE 2** : CH 5 – 8  
**CUE 3** : CH 9 – 12      **CUE 4** : CH 13 – 16

- Release the **SHIFT**.  
Normal mode is retrieved from the operation mode.

- Press the **CF MODE** while holding the **SHIFT** pressed.  
The **CUE** corresponding to the current MIDI channel flashes.

## MIDI control function

Input channels on deck control and mixer parts support the USB MIDI control function. The deck control part always issues MIDI commands based on panel operations. Set the channel input source knob for input channels as follows to issue MIDI commands from them.

Input channel	The channel input source switch knob setting
CH1	MIDI
CH2	<b>USB1/2</b> /MIDI
CH3	<b>USB1/2</b> /MIDI
CH4	MIDI



- MIC LEVEL1/2**, channel input source switch knob, **BOOTH/SEND ASSIGN**, and slide switches do not support MIDI output.
- When you set the mixing mode selector switch to "INT MIX", MIDI commands are not issued from input channel 2/3.
- With the mixing mode selector switch set to "PC MIX", MIDI commands are issued when you operate input channel 2/3. Therefore, if the DJ software supports four decks, you can control mixing for four decks by operating from the unit.

## □ MIDI command list

### Send command

	items	MIDI command		
		Command	Number	Value
1	CUE MIXER CH1	SW ON : 0x9n SW OFF : 0x8n	0x01	SW ON : 0x40 SW OFF : 0x00
2	CUE MIXER CH2	SW ON : 0x9n SW OFF : 0x8n	0x02	SW ON : 0x40 SW OFF : 0x00
3	DECK CHG.	↑	0x03	↑
4	CUE MIXER CH3	↑	0x05	↑
5	KEY LOCK	↑	0x06	↑
6	CUE MIXER CH4	↑	0x07	↑
7	BEND +	↑	0x0C	↑
8	BEND -	↑	0x0D	↑
9	FAST SEARCH +	↑	0x10	↑
10	FAST SEARCH -	↑	0x11	↑
11	EFX.2 SW (FX1)	↑	0x12	↑
12	EFX.3 SW (FX1)	↑	0x13	↑
13	EFX.4 SW (FX1)	↑	0x14	↑
14	EFX.1 SW (FX1)	↑	0x15	↑
15	CUE1	↑	0x17	↑
16	CUE2	↑	0x18	↑
17	CUE3	↑	0x19	↑
18	SAMP. SELECT	↑	0x1A	↑
19	CF MODE	↑	0x1B	↑
20	PARAM.1 SW	↑	0x1C	↑
21	PARAM.2 SW	↑	0x1F	↑
22	CUE4	↑	0x20	↑
23	SAMP.1	↑	0x21	↑
24	SAMP.2	↑	0x22	↑
25	SAMP.3	↑	0x23	↑
26	SAMP.4	↑	0x24	↑
27	AUTO LOOP	↑	0x1D	↑
28	DUCKING	↑	0x2A	↑
29	MIC ON 1	↑	0x26	↑
30	MIC ON 2	↑	0x27	↑
31	TRACK SELECT KNOB SW	↑	0x28	↑
32	FWD	↑	0x29	↑
33	BCK	↑	0x30	↑
34	LOOP IN	↑	0x37	↑
35	LOOP OUT	↑	0x39	↑
36	CUE	↑	0x42	↑
37	PLAY	↑	0x43	↑
38	ECHO ON 1	↑	0x44	↑
39	ECHO ON 2	↑	0x45	↑
40	POST	↑	0x46	↑
41	SPLIT CUE	↑	0x47	↑
42	Jogwheel touch	↑	0x51	↑
43	EFX.2 SW (FX2)	↑	0x52	↑
44	EFX.3 SW (FX2)	↑	0x53	↑
45	EFX.4 SW (FX2)	↑	0x54	↑
46	EFX.1 SW (FX2)	↑	0x55	↑
47	FX 1	↑	0x56	↑
48	FX 2	↑	0x57	↑
49	SHIFT (DECK LEFT)	↑	0x60	↑
50	SHIFT (DECK RIGHT)	↑	0x61	↑
51	LOAD A	↑	0x62	↑
52	LOAD B	↑	0x63	↑
53	BROWSER	↑	0x64	↑
54	RECORD	↑	0x65	↑
55	SAMPLE	↑	0x4C	↑
56	EFX	↑	0x4D	↑
57	LOOP CUT -	↑	0x69	↑
58	LOOP CUT +	↑	0x6A	↑
59	SYNC	↑	0x6B	↑

	items	MIDI command		
		Command	Number	Value
60	Jogwheel fwd/rev	0xBn	0x51	Reverse 0x3F-0x01 Forward 0x41-0x7F slow->fast · relative data
61	TRACK SELECT KNOB Increment/Decrement	↑	0x54	Increment 0x00 Decrement 0x7F
62	EFX.1 KNOB (FX1) Increment/Decrement	↑	0 x 55	↑
63	EFX.2 KNOB (FX1) Increment/Decrement	↑	0 x 56	↑
64	EFX.3 KNOB (FX1) Increment/Decrement	↑	0 x 57	↑
65	EFX.4 KNOB (FX1) Increment/Decrement	↑	0 x 58	↑
66	EFX.1 KNOB (FX2) Increment/Decrement	↑	0 x 59	↑
67	EFX.2 KNOB (FX2) Increment/Decrement	↑	0x5A	↑
68	EFX.3 KNOB (FX2) Increment/Decrement	↑	0x5B	↑
69	EFX.4 KNOB (FX2) Increment/Decrement	↑	0x5C	↑
70	PARAM.1 KNOB Increment/Decrement	↑	0x5D	↑
71	PARAM.2 KNOB Increment/Decrement	↑	0x5E	↑
72	INPUT LEVEL (CH1)	↑	0x01	↑
73	EQ HIGH VR (CH1)	↑	0x02	0x00 to 0x7F
74	EQ MID VR (CH1)	↑	0x03	↑
75	EQ LOW VR (CH1)	↑	0x04	↑
76	FADER (CH1)	↑	0x05	↑
77	INPUT LEVEL (CH2)	↑	0x07	↑
78	EQ HIGH VR (CH2)	↑	0x08	↑
79	EQ MID VR (CH2)	↑	0x09	↑
80	EQ LOW VR (CH2)	↑	0x0A	↑
81	FADER (CH2)	↑	0x0B	↑
82	INPUT LEVEL (CH3)	↑	0x0C	↑
83	EQ HIGH VR (CH3)	↑	0x0D	↑
84	EQ MID VR (CH3)	↑	0x0E	↑
85	EQ LOW VR (CH3)	↑	0x0F	↑
86	FADER (CH3)	↑	0x10	↑
87	INPUT LEVEL (CH4)	↑	0x11	↑
88	EQ HIGH VR (CH4)	↑	0x12	↑
89	EQ MID VR (CH4)	↑	0x13	↑
90	EQ LOW VR (CH4)	↑	0x14	↑
91	FADER (CH4)	↑	0x15	↑
92	MIC1 EQ HIGH VR	↑	0x21	↑
93	MIC1 EQ LOW VR	↑	0x22	↑
94	MIC1 EQ MID VR	↑	0x23	↑
95	MIC2 EQ HIGH VR	↑	0x31	↑
96	MIC2 EQ LOW VR	↑	0x32	↑
97	MIC2 EQ MID VR	↑	0x33	↑
98	ECHO VR	↑	0x1C	↑
99	CROSS FADER (AUDIO)	↑	0x16	↑
100	CROSS FADER (VIDEO)	↑	0x17	↑
101	MASTER LEVEL VR	↑	0x19	↑
102	BOOTH LEVEL VR	↑	0x1B	↑
103	BOOTH EQ HIGH VR	↑	0x41	↑
104	BOOTH EQ LOW VR	↑	0x42	↑
105	PAN VR	↑	0x43	↑
106	PHONES VR	↑	0x44	↑
107	X FADER CONTOUR	↑	0x45	↑
108	Pitch Slider	0xEn	0xll(LSB)	0xmm(MSB)

Before use

Part names and Functions

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Installing and setting up supplied software

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System diagram

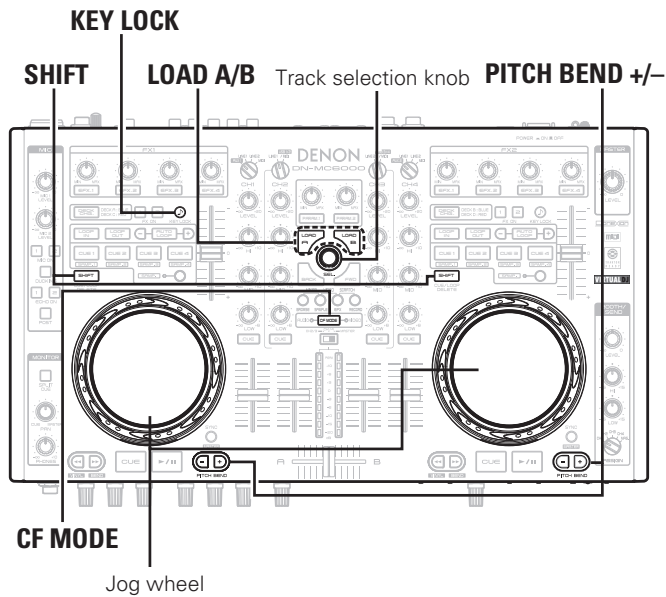
## Reception commands

	items	MIDI command		
		Command	Number	Value
	LED	0xBn	ON TRG : 0x4A OFF TRG : 0x4B Blink ON TRG : 0x4C	↓
1	KEY LOCK	↑	↑	0x08
2	SYNC	↑	↑	0x09
3	CUE1	↑	↑	0x11
4	CUE1 Dimmer	↑	↑	0x12
5	CUE2	↑	↑	0x13
6	CUE2 Dimmer	↑	↑	0x14
7	CUE3	↑	↑	0x15
8	CUE3 Dimmer	↑	↑	0x16
9	CUE4	↑	↑	0x17
10	CUE4 Dimmer	↑	↑	0x18
11	SAMP.1	↑	↑	0x19
12	SAMP.1 Dimmer	↑	↑	0x1A
13	SAMP.2	↑	↑	0x1B
14	SAMP.2 Dimmer	↑	↑	0x1C
15	SAMP.3	↑	↑	0x1D
16	SAMP.3 Dimmer	↑	↑	0x1F
17	SAMP.4	↑	↑	0x20
18	SAMP.4 Dimmer	↑	↑	0x21
19	CUE	↑	↑	0x26
20	PLAY	↑	↑	0x27
21	LOOP IN	↑	↑	0x24
22	LOOP IN Dimmer	↑	↑	0x3E
23	LOOP OUT	↑	↑	0x40
24	LOOP OUT Dimmer	↑	↑	0x2A
25	AUTO LOOP	↑	↑	0x2B
26	AUTO LOOP Dimmer	↑	↑	0x53
27	FX ON 1	↑	↑	0x5A
28	FX ON 2	↑	↑	0x5B
29	EFX 1 (FX1)	↑	↑	0x5C
30	EFX 2 (FX1)	↑	↑	0x5D
31	EFX 3 (FX1)	↑	↑	0x5E
32	EFX 4 (FX1)	↑	↑	0x5F
33	EFX 1 (FX2)	↑	↑	0x60
34	EFX 2 (FX2)	↑	↑	0x61
35	EFX 3 (FX2)	↑	↑	0x62
36	EFX 4 (FX2)	↑	↑	0x63
37	ALL SLIDER / VOLUME / FADER REQUEST	↑	0x4A	0x39
38	CUE CH1	↑	ON TRG : 0x50 OFF TRG : 0x51	0x45
39	CUE CH1 Dimmer	↑	↑	0x46
40	CUE CH2	↑	↑	0x4B
41	CUE CH2 Dimmer	↑	↑	0x4C
42	CUE CH3	↑	↑	0x51
43	CUE CH3 Dimmer	↑	↑	0x52
44	CUE CH4	↑	↑	0x57

	items	MIDI command		
		Command	Number	Value
	LED	0xBn	ON TRG : 0x4A OFF TRG : 0x4B Blink ON TRG : 0x4C	↓
45	CUE CH4 Dimmer	↑	↑	0x58
46	CF MODE (AUDIO)	↑	↑	0x61
47	CF MODE (VIDEO)	↑	↑	0x62
48	METER 1 (CH1)	↑	↑	0x07
49	METER 2 (CH1)	↑	↑	0x08
50	METER 3 (CH1)	↑	↑	0x09
51	METER 4 (CH1)	↑	↑	0x0A
52	METER 5 (CH1)	↑	↑	0x0B
53	METER 6 (CH1)	↑	↑	0x0C
54	METER 7 (CH1)	↑	↑	0x0D
55	METER 8 (CH1)	↑	↑	0x0E
56	METER 9 (CH1)	↑	↑	0x0F
57	METER PEAK (CH1)	↑	↑	0x10
58	METER 1 (CH2)	↑	↑	0x17
59	METER 2 (CH2)	↑	↑	0x18
60	METER 3 (CH2)	↑	↑	0x19
61	METER 4 (CH2)	↑	↑	0x1A
62	METER 5 (CH2)	↑	↑	0x1B
63	METER 6 (CH2)	↑	↑	0x1C
64	METER 7 (CH2)	↑	↑	0x1D
65	METER 8 (CH2)	↑	↑	0x1E
66	METER 9 (CH2)	↑	↑	0x1F
67	METER PEAK (CH2)	↑	↑	0x20
68	METER 1 (CH3)	↑	↑	0x27
69	METER 2 (CH3)	↑	↑	0x28
70	METER 3 (CH3)	↑	↑	0x29
71	METER 4 (CH3)	↑	↑	0x2A
72	METER 5 (CH3)	↑	↑	0x2B
73	METER 6 (CH3)	↑	↑	0x2C
74	METER 7 (CH3)	↑	↑	0x2D
75	METER 8 (CH3)	↑	↑	0x2E
76	METER 9 (CH3)	↑	↑	0x2F
77	METER PEAK (CH3)	↑	↑	0x30
78	METER 1 (CH4)	↑	↑	0x37
79	METER 2 (CH4)	↑	↑	0x38
80	METER 3 (CH4)	↑	↑	0x39
81	METER 4 (CH4)	↑	↑	0x3A
82	METER 5 (CH4)	↑	↑	0x3B
83	METER 6 (CH4)	↑	↑	0x3C
84	METER 7 (CH4)	↑	↑	0x3D
85	METER 8 (CH4)	↑	↑	0x3E
86	METER 9 (CH4)	↑	↑	0x3F
87	METER PEAK (CH4)	↑	↑	0x40
88	PARAM.1	↑	↑	0x63
89	PARAM.2	↑	↑	0x64

\* n=MIDI CH = 0 - 15

# Other functions



## Fader lock function

With this function ON, if the pitch fader position does not match the value stored in the memory of the unit during the DECK change operation, MIDI commands are not sent. In this case, **KEY LOCK** flashes.

If the pitch fader position matches the value stored in the memory of the unit, MIDI commands start to be sent again, and the button returns to the state before flashing.

- Initially set to OFF.

### Set the Fader Lock function to ON

While pressing the **SHIFT**, press **PITCH BEND +** for DECK A or B.

### Set the Fader Lock function to OFF

While pressing the **SHIFT**, press **PITCH BEND -** for DECK A or B.

## Adjusting the touch sense sensitivity

The unit can control the sensitivity of the touch sensor for the Jog wheel in 9 steps (-4 to 0 to +4).

- “-4” is the lowest sensitivity, and “+4” is the highest sensitivity.
- The default setting is “0”.

### 1 Hold down **LOAD A/B**, and **CF MODE** and switch on the main unit power supply.

### 2 Press **CF MODE**, and switch the job wheel that you want to adjust.

### 3 Rotate the track selection knob, and adjust the sensitivity.

The button lights according to the set sensitivity.

Buttons	CUE1	CUE2	CUE3	CUE4	DECK CHG.	EFX.1	EFX.2	EFX.3	EFX.4
Sensitivity	-4	-3	-2	-1	0	+1	+2	+3	+4

- If the jog wheel on the DECK side being adjusted detects a touch, the job wheel changes from red to blue.

### 4 Press the track selection knob to memorize adjustment data.

### 5 Press **SHIFT** for DECK A or B.

The mode switches back from the sensitivity adjustment mode to the normal mode.

# Troubleshooting

If a problem should arise, first check the following:

1. Are the connections correct?

2. Is the set being operated as described in this owner's manual?

3. Is the external device (player or effects processor) operating correctly?

If this unit does not operate properly, check the items listed in the table below.

If the symptom is not covered on the check list, contact your dealer or service centers.

Service centers are listed at <http://www.d-mpro.com>.

Symptom	Cause/Solution	Page
Power does not turn on.	<ul style="list-style-type: none"> <li>Check the connection of the AC adapter power plug to the outlet and the connection of the DC plug to the unit.</li> </ul>	11
The power switch is ON, but the unit power is off.	<ul style="list-style-type: none"> <li>Check the connection of the AC adapter power plug to the outlet and the connection of the DC plug to the unit.</li> <li>The unit is in the standby mode. Press the <b>RESTART</b> button.</li> </ul>	11 8
There is no sound, or the sound is too quiet.	<ul style="list-style-type: none"> <li>Check the connections for all devices.</li> <li>Set the channel input source switch knob to the device that is playing back.</li> <li>The mic ducking function is operating. Set the <b>DUCKING</b> switch to "OFF".</li> </ul>	9 – 11 17 17
The sound is distorted.	<ul style="list-style-type: none"> <li>Adjust the master output level adjustment knob.</li> <li>Adjust the channel input level adjustment knob.</li> </ul>	17 17
This unit does not operate properly, or there is no sound.	<ul style="list-style-type: none"> <li>Check the connections for all devices.</li> <li>Check that the volume settings for the connected devices and DJ software on the computer are properly adjusted.</li> <li>Match the settings on the unit to those on DJ software.</li> <li>WAV files become mixed if the sampling frequency and bit number are different. Depending on the audio application used, WAV files that have different sampling frequencies or bit numbers cannot be played simultaneously.</li> <li>When other USB devices are connected to the computer, connect only the unit to the computer and check if this works.</li> </ul>	9 – 11 17 18, 19 – –
Sound cuts out or is distorted.	<ul style="list-style-type: none"> <li>Exit any other applications.</li> <li>When multiple WAV files are played back simultaneously, the playback sound may cut out depending on the computer specifications. Try playing back 1 WAV file.</li> </ul>	– –
The button lights are dim.	<ul style="list-style-type: none"> <li>The dimmer is in operation. Check the dimmer settings on the computer.</li> </ul>	–

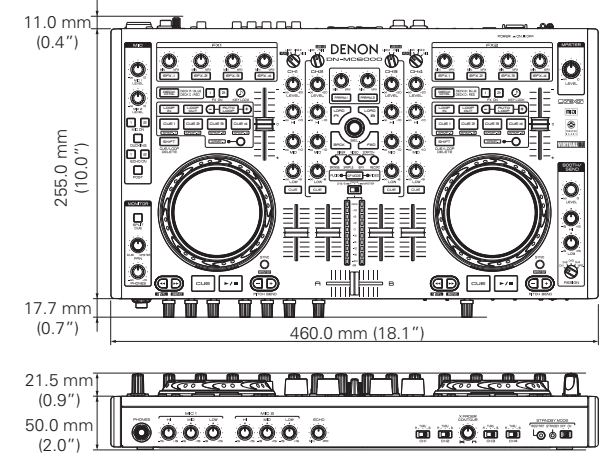
# Specifications

<b>Audio</b>	(0 dBu=0.775 Vrms, 0 dBV =1 Vrms)
<b>• PHONO inputs</b>	2 Stereo Unbalanced RCA terminal
<b>Input impedance:</b>	50 kΩ
<b>Level:</b>	-40 dBV(10 mV)
<b>Signal to Noise ratio:</b>	Over 87 dB
<b>• LINE inputs</b>	2 Stereo Unbalanced RCA terminal
<b>Input impedance:</b>	10 kΩ
<b>Level:</b>	0 dBV
<b>Signal to Noise ratio:</b>	Over 90 dB
<b>• AUX Input</b>	2 Stereo Unbalanced RCA terminal
<b>Input impedance:</b>	10 kΩ
<b>Level:</b>	0 dBV
<b>Signal to Noise ratio:</b>	90 dB or later
<b>• Equalizer (LINE)</b>	3 Band
<b>Channel EQ Adjustment Range:</b>	HI (High Range) : -∞, -90 dB - +10 dB MID (Medium Range) : -∞, -90 dB - +10 dB LOW (Low Range) : -∞, -90 dB - +6 dB
<b>• MIC inputs</b>	2 Monaural
<b>MIC 1:</b>	Combo jack (terminal for balanced XLR and balanced 1/4 inch TRS) (1: ground, 2: hot, 3: cold, chip: hot, ring: cold, sleeve: ground)
<b>MIC 2:</b>	Balanced 1/4 inch TRS terminal
<b>Input impedance:</b>	10 kΩ
<b>Level:</b>	-54 - -34 dBV
<b>• Equalizer (MIC/AUX1)</b>	3 Band
<b>Adjustment Range:</b>	HI (High Range) :-15 - +15 dB MID (Medium Range) :-15 - +15 dB LOW (Low Range) :-15 - +15dB
<b>• USB audio inputs</b>	2 Stereo(4 Monaural) 16 bit, Fs:48 kHz USB B
<b>• MASTER output</b>	
<b>Balanced:</b>	Stereo, balanced XLR terminal (1: Ground, 2: Hot, 3: Cold)
<b>DA converter:</b>	24 bit
<b>Load impedance:</b>	Over 600 Ω

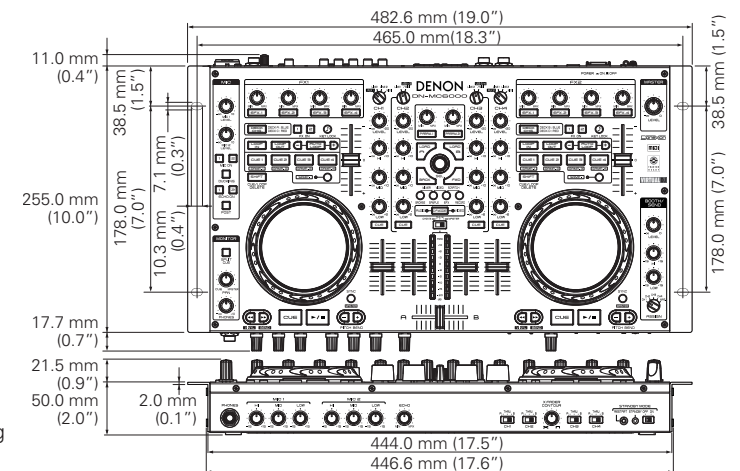
<b>Level:</b>	+ 4 dBu (Max + 24 dBu) • When RL=10 kΩ
<b>Frequency response:</b>	20 Hz - 20 kHz(±0.5 dB)
<b>THD:</b>	Less than 0.05%
<b>Crosstalk:</b>	Less than -100 dB (1 kHz)
<b>Unbalanced:</b>	Stereo RCA terminal
<b>Load impedance:</b>	10 kΩ
<b>Level:</b>	0 dBu (Max + 20dBu)
<b>• REC Output</b>	Stereo Unbalanced RCA terminal
<b>Load impedance:</b>	1 kΩ
<b>Level:</b>	-10dBV (Max +10dBV)
<b>• BOOTH/SEND Output</b>	Stereo balanced 1/4 inch TRS terminal
<b>Load impedance:</b>	Over 600 Ω
<b>Level:</b>	+ 4 dBu (Max + 24 dBu) • When RL=10 kΩ
<b>• Headphone output</b>	Stereo
<b>Load impedance:</b>	40 Ω
<b>Level:</b>	100 mW
<b>• USB audio output</b>	4 Stereo (8 Monaural) 16 bit, 48 kHz USB B
<b>□ General</b>	
<b>USB MIDI I/O:</b>	IN:1ch, OUT:1ch MIDI1.0, MIDI Clock USB B
<b>CH Meter:</b>	PPM 10 Point LED-20 - + 10 dB, Peak
<b>MASTER Meter:</b>	PPM 10 Point LED-20 - + 10 dB, Peak
<b>CH Fader:</b>	45 mm Slim Type fader
<b>Cross Fader:</b>	45 mm FLEX Fader (Fader Torque Adjustable) DC12V (the unit)
<b>• Power voltage:</b>	
<b>AC adapter input:</b>	
<b>U.S.A. and Canada models:</b>	AC 120 V, 60 Hz
<b>European,U.K. and Asia/Pacific models:</b>	AC 230 V, 50 Hz
<b>AC adapter output:</b>	DC 12V 3A
<b>Power consumption:</b>	24 W (Less than 0.45 W during standby)
<b>Operating temperature:</b>	+5 °C - +35 °C
<b>Operating humidity:</b>	25 % - 85 %
<b>Storage temperature:</b>	-20 °C - 60 °C

## □ Dimensions

<b>Width:</b>	460.0 mm / 18.1"
<b>Height:</b>	50.0 mm / 2.0"
<b>Depth:</b>	255.0 mm / 10.0"
<b>Weight:</b>	4.6 kg (10 lbs 2.26 oz)



## When mounting a rack



\* For the purpose of improvement, the specifications and design are subject to change without notice.

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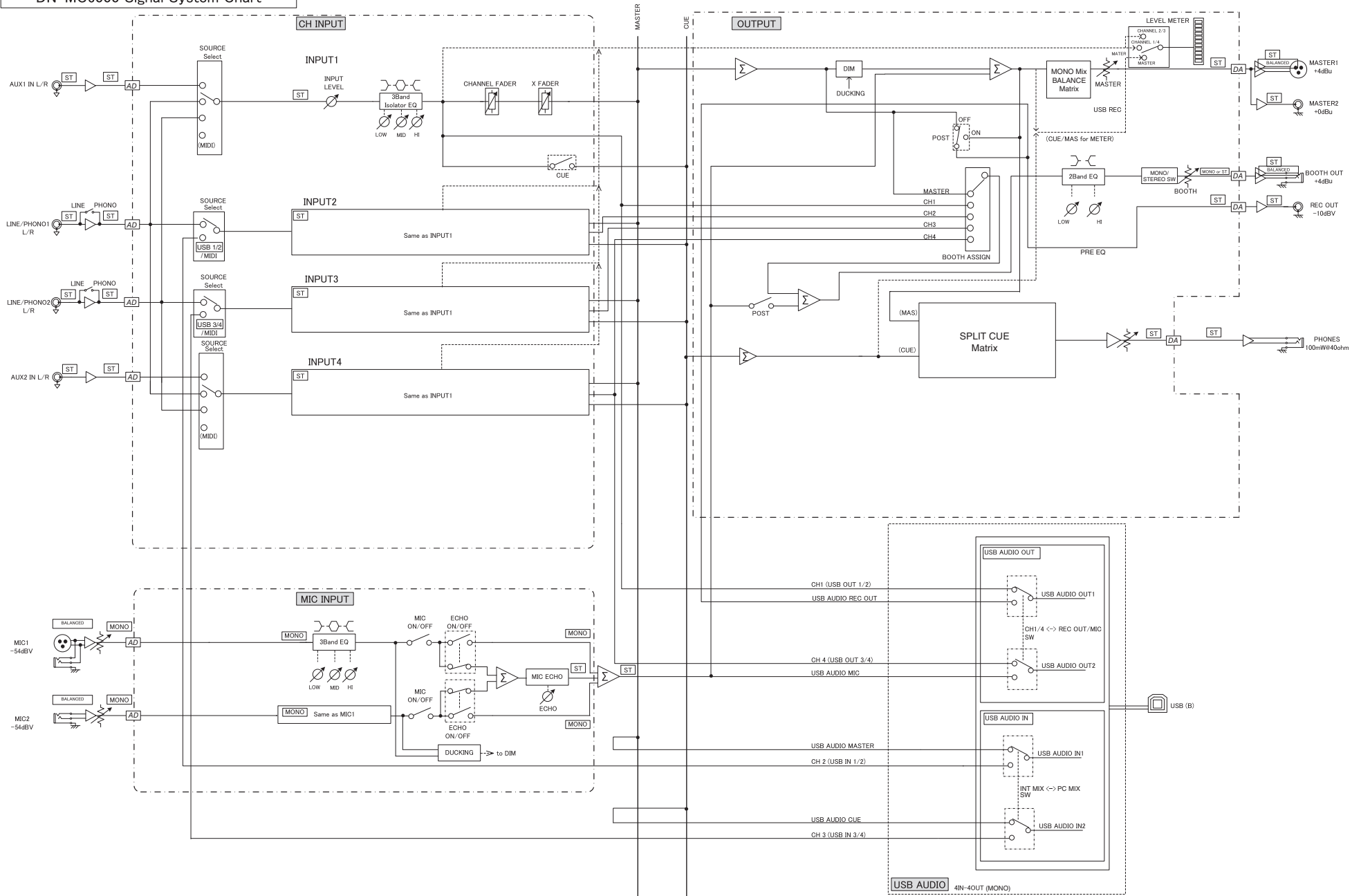
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# System diagram

DN-MC6000 Signal System Chart



- Before use
- Part names and Functions
- Connections
- Installing and setting up supplied software
- Basic operations
- USB settings
- Other functions
- Troubleshooting
- Specifications
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- System diagram

D&M Holdings Inc.